

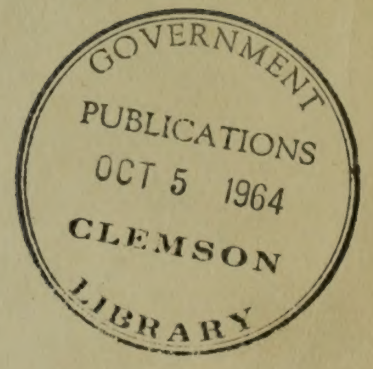
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Clemson University



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PARKS FOR AMERICA



Cape Cod National Seashore, Massachusetts



PARKS FOR AMERICA

A Survey of Park and Related Resources
in the Fifty States, and a Preliminary Plan



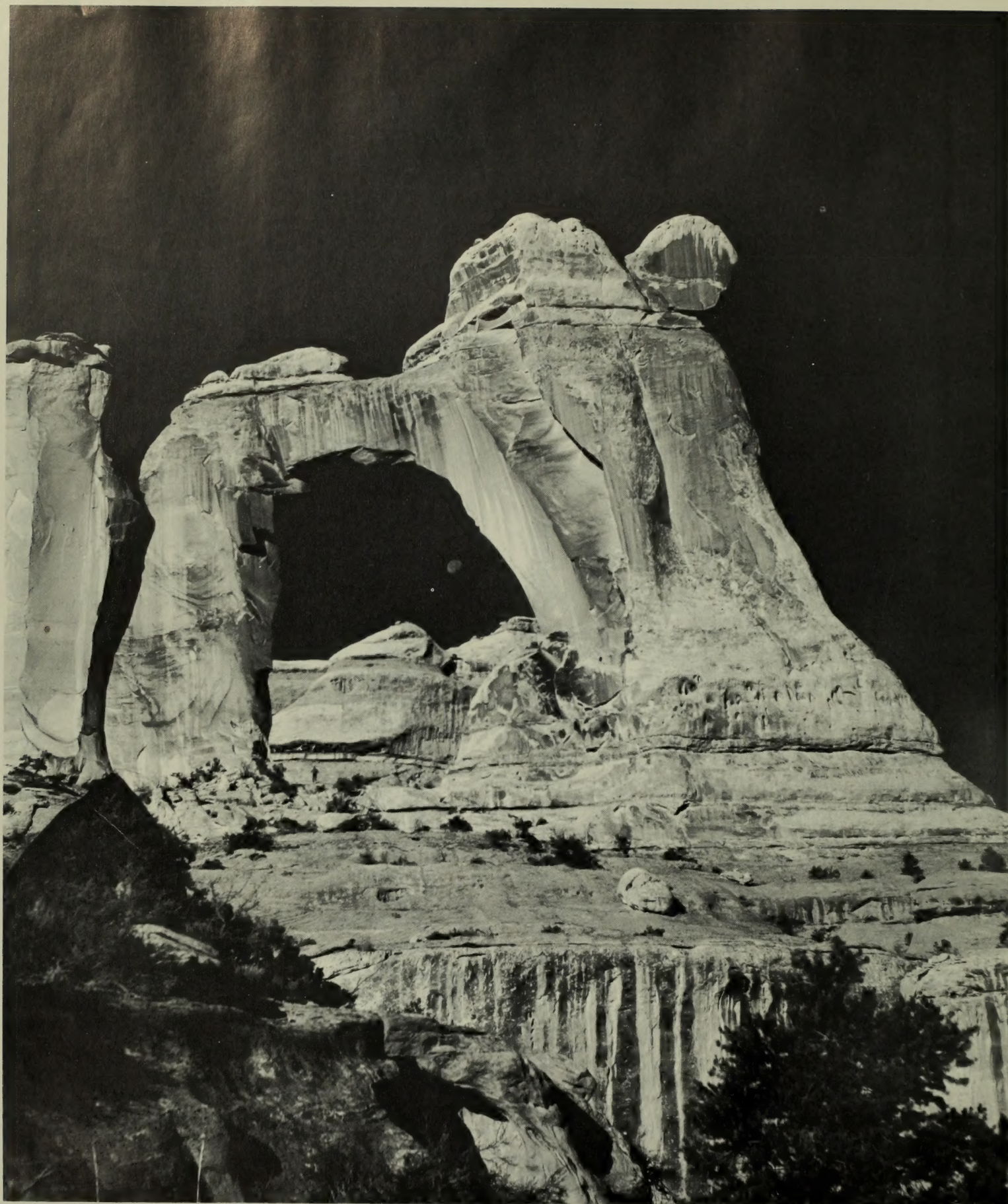
PARKS FOR AMERICA

A Survey of Past and Potential Resources
in the Fifty States and a Preliminary Plan

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Angel Arch, one of countless spectacular formations in the Canyonlands of Utah, dwarfs moon and man, seen through and beneath its span. Such scenic splendors merit park protection.

FOREWORD

Currently there is an unprecedented surge of interest and concern across the country in meeting the outdoor recreation needs of the Nation. This was recognized in the late President Kennedy's special message to the Congress on natural resources in February 1962, in which he pointed to the inadequacy of present facilities and resources to meet the needs of a fast-growing and increasingly mobile population. Significantly, he noted that: "Actions deferred are frequently opportunities lost, and, in terms of financial outlay, dollars invested today will yield great benefits in the years to come."

In January of that year the Outdoor Recreation Resources Review Commission presented its report, *Outdoor Recreation for America*, to the President and to the Congress. This provides a much-needed guide for a sound long-range approach to meeting outdoor recreation needs.

One of the major recommendations in the Commission's report was that a Bureau of Outdoor Recreation be established in the Department of the Interior. This Bureau was established by Secretarial Order in April 1962. In May 1963, the Congress passed the Organic Act of the Bureau (Public Law 88-29). One of the Bureau's functions is the formulation of an integrated nationwide outdoor recreation plan with regional provisions, to be used for overall planning and programming purposes. Accordingly, the functions of Nationwide Planning and Cooperative Services were transferred from the National Park Service to the Bureau of Outdoor Recreation. The scope of these two functions under the Bureau of Outdoor Recreation has been broadened to include not only parks but the broad spectrum of prospective outdoor recreation opportunities.

At the time the Bureau was established, the National Park Service, in cooperation with the States, had just completed a draft of this volume consisting of a report

on existing nonurban park and related recreation areas and on approximately 2,800 potential areas. This is the Service's last report in the field of broad, nationwide park planning. These duties have passed to the Bureau of Outdoor Recreation.

It was decided that the report should be published, since it summarizes the experience and conclusions of the National Park Service in this field. It should prove valuable to the Bureau of Outdoor Recreation and to private, local, and State organizations concerned with recreation planning.

The proposals in the report must be regarded as the views of the National Park Service. They do not necessarily reflect the views of the Bureau of Outdoor Recreation. Suggestions incorporated in this report will be strengthened and modified as their relation to comprehensive outdoor recreation plans covering all aspects of outdoor recreation becomes clarified.

Between the time this report was originally drafted and its publication, two studies have been initiated under the leadership of the Bureau of Outdoor Recreation. These are a study of Parkways and Scenic Highways requested by the Recreation Advisory Council, and a Study of Wild Rivers requested by the Secretaries of Agriculture and the Interior. The recommendations resulting from these two studies may not agree with the recommendations in this volume with respect to parkways, scenic roads, and free-flowing streams.

Two other considerations should be noted. First, the data in this volume were compiled prior to April 1962 and have not been updated since that time. Second, the data in this report and that in Study Report No. 2 of the Outdoor Recreation Resources Review Commission are not in agreement. This does not necessarily reflect major flaws in either report. Rather, it demonstrates differences in methods of

collecting and evaluating data from a variety of sources.

With this report as one of its working tools and with the background of the accumulated experience of the National Park Service, the Bureau of Outdoor Recreation has assumed responsibility for nationwide planning and surveys designed to help increase the supply of all kinds of outdoor recreation, including parks and related recreation areas.

It is the hope of the National Park Service that this report will serve as a starting point for the broader studies of the Bureau of Outdoor Recreation, and that the same fine cooperation between the States, their political subdivisions, and the Federal Government that has been so helpful in the past will be extended to

the new Bureau so that the best possible park and recreation programs may be produced for the benefit of the American people.

This report is published at the request of many of the States to assist in their park planning and legislative programs. The Department of the Interior acknowledges with sincere appreciation the fine cooperation received from the States, the Federal agencies, and local planning groups which made the publication of this report possible.

STEWART L. UDALL,
Secretary of the Interior.



Oregon's MacKenzie River provides excitement for white-water boatmen along its scenic course. Throughout America, free-flowing streams like this need preservation.

OREGON STATE HIGHWAY DEPARTMENT.

SUMMARY

Presented in this report is a State-by-State inventory of some 4,800 existing nonurban park and related areas. Major features of existing areas are examined, but more significantly, opportunities to protect approximately 2,800 additional areas with important scenic, scientific, historic, and other recreation values are identified.

Surveys conducted in cooperation with State and local park organizations from 1956 to 1962 provided data for the report. Certain Federal agencies with land management responsibilities also furnished information.

The broad findings and recommendations of the Outdoor Recreation Resources Review Commission, contained in its January 1962 report to the President and the Congress,* are considered here as they affect State planning. Generally, the Commission found that present park systems are inadequate—they have not kept pace with increasing demands, acreages are not adequately distributed to serve urban needs, or systems lack balance to provide varied types of recreation activities.

* *Outdoor Recreation for America*, Superintendent of Documents, Government Printing Office, Washington D.C. 20402. \$2.50.



Seashores and lakeshores, like this at Sleeping Bear Dune, Michigan, are favorites for recreation. Such resources, fast vanishing under developments, need local, State, and Federal conservation.

Urban sprawl and other developments are threatening to destroy scenic, scientific, and historic resources that, once lost, cannot be replaced. Hence, identification of such irreplaceable values was given first consideration in formulating the report's recommendations. It is recognized, of course, that the protection of these resources would not solve the problems of total need with respect to population distribution.

Potential areas that could fill some of the gaps and needs of present park systems were identified by extensive field surveys. These areas have been evaluated as to their significance—National, State, or local—and are so tabulated for each State. The tabulations also include recommended additions to existing areas. The accompanying table classifies the 2,683 potential State and local areas.

Potential State and Local Areas

Area classification	Number of sites	Acres	Miles
State significance:			
Parks	417	3, 272, 000	.....
Recreation areas	573	2, 174, 100	.....
Scientific monuments	88	452, 500	.....
Historic sites	251	72, 100	.....
Nature preserves	108	672, 900	.....
Wilderness areas	5	561, 100	.....
Beaches	78	155, 000	.....
Parkways	9	.....	870
Scenic roads	478	.....	38, 600
Free-flowing streams	149	.....	11, 700
Canoe trails	127	.....	9, 000
Foot trails	5	.....	1, 900
Total	2, 297	7, 359, 700	62, 070
Local significance:			
Parks	116	239, 900	.....
Recreation areas	233	331, 100	.....
Scientific monuments	4	250	.....
Nature preserves	14	31, 500	.....
Beaches	19	8, 700	.....
Total	386	611, 450	.....

The nationwide investigations revealed certain outstanding areas that may be of national significance. Continuing studies will determine which of these and other possible areas might be worthy of inclusion in the National Park System. This report recommends further consideration be given to 84 such areas. Included in the total are 26 sites identified through the National Survey of Historic Sites and Buildings and recommended by the Advisory Board on National Parks, Historic Sites, Buildings, and Monuments.

NATIONAL PARK SYSTEM PLANNING

Through studies with the States, the historic sites survey, and other cooperative studies, many areas considered to be of national significance have been identified. It is generally accepted that it is in the national interest to conserve areas of outstanding scenic, scientific, and historic importance—areas of superlative natural beauty and those that interpret the natural history of this continent and the story of man's career in America.

The National Park Service was established to preserve these cultural values unimpaired for the enjoyment of future generations. But the National Park System as we know it today does not include all that it should. There are types of nationally significant areas wholly omitted or inadequately represented.

The phenomenal continuing increase and changing pattern of public use raises questions about the adequacy of the System in both the number and kinds of units it contains. Even as the public need for parks increases, remaining areas of national significance that are suitable for inclusion in the National Park System decrease in size and number with the advance of the Nation's development. It is a purpose of the Department of the Interior, therefore, to formulate a long-range National Park System Plan for the orderly achievement of a well-rounded, complete, and adequate system of nationally significant parks in appropriate classifications. Some suitable areas still remain for achieving this objective.

A portion of the great prairie of Kansas and Jemez Crater in New Mexico are examples. The canyonlands in Utah possess some of the world's finest scenic and geologic values. The Allagash River country in Maine and the proposed Ice Age National Scientific Reserve in Wisconsin contain outstanding resources. But permanent protection of these areas is not assured as yet.

Congress has considered numerous proposals for the establishment of new national parks, national monuments, and other types of areas during recent years. Cape Cod National Seashore, Mass., and Fort Davis National Historic Site, Tex., are examples of areas authorized in 1961. Point Reyes, Calif., and Padre Island, Tex., were authorized as national seashores in 1962. Other outstanding proposals introduced or considered by Congress during 1962 were Sleeping Bear Dunes, Pictured Rocks, and Indiana Dunes National Lakeshores; Oregon Dunes National Seashore; Prairie, Canyonlands, and Great Basin Nation-



Pines battle drifting sands at the Oregon Dunes, proposed as a national seashore.

al Parks; Ozark National Rivers; Tocks Island National Recreation Area; Ice Age National Scientific Reserve; Chesapeake and Ohio Canal National Historical Park; and Fort Bowie National Historic Site.

The accompanying map identifies 84 possible additions to the National Park System. Of these, 11 have been authorized for establishment by the Congress, but the lands have not yet been acquired. The 16 areas listed above are included on this map.

EXPLANATION OF STATE SUMMARIES

In presenting the results of preliminary park and recreation area studies in cooperation with each of the 50 States, the Bureau of Census regions have been used as a means of grouping and coordinating the States with similar socioeconomic and, to a degree, physiographic backgrounds. Each of the four major regions (Northeast, South, North Central, and West) is prefaced by a brief description of the park and related resources, climate range, population trends, and outdoor recreation use patterns. Also included is a résumé of existing public park and related areas and facilities, the role of private enterprise in the outdoor recreation picture, and an analysis of the region's overall needs for parks and related areas.

Each regional résumé is followed in alphabetical order by brief summaries for each of the States in the

region. The individual State summaries include a one-page résumé, a map and tabulation of existing and potential parks, monuments, recreation areas, parkways, scenic roads, trails, and free-flowing streams. Following is an explanation of the material included in each State summary:

Text

Items covered, where pertinent, include brief statements on existing and projected population trends, the relation of outdoor recreation to the economy, facility of access to recreation resources, major overall physiographic features, and significant historic and archeological sites. Also included is a résumé of existing National, State, local, and private park and related areas; a résumé of statewide needs; and a résumé of specific recommendations on a National, State, and local basis.

Maps

Green is used to indicate county lines, major metropolitan areas, major streams, lakes, and reservoirs, and the proposed Federal Interstate Highway network.



The beauty, scientific importance, and recreation potential of the Indiana Dunes have prompted park proposals for the area since 1916, and a small portion was established as a State park. Now the last remaining unspoiled dunelands are proposed for a national lakeshore.

Existing Federal, State, major local, and private areas which are used by the public for outdoor recreation purposes are shown in black. National parks, national forests, and national wildlife refuges are shown by symbol and, when of sufficient size, by cross-hatch, dotted, and single-hatch pattern, respectively, to indicate overall project boundaries—not necessarily lands in Federal ownership.

All existing State park areas are shown, but only those State forests and wildlife areas which receive significant recreation use other than for hunting and fishing are indicated. Where these areas are sufficiently large, they have been shown in outline—parks by a solid line, forests by a dashed line.

Red is used for potential National, State, and local park and related areas which are shown by symbol and, where of sufficient size, by pattern. The symbol for recreation area is used also to designate seashores, rivers, etc., where preservation is a primary objective. This report does not identify potential State or local parks, recreation areas, or historic sites within exterior boundaries of national forests. All potential scenic roads involve existing State or interstate routes; potential historic sites are limited to those sites of National or State significance which are recommended for acquisi-

tion and administration by a public or quasi-public agency.

Tabulations

All existing areas are listed according to the level of present administration and are classified according to the definitions presented in the "Guidelines" set forth in the appendix. All potential areas are classified also according to the same definitions, but are listed according to *significance* rather than suggested level of government administration.

For existing national forests, wildlife areas, and areas administered by the National Park Service, only acreage in Federal ownership is shown.

Federal reservoirs are listed under "Existing Federal" where a Federal agency administers and maintains recreation facilities at the reservoir. Where the recreation use of a Federal reservoir is administered by a State or local agency, it is listed as a State or local area.

Existing historic sites listed are limited to sites of State or National significance open to the public and administered by a Federal, State, or quasi-public agency.



The coast redwoods of California epitomize America's heritage of natural wonders. Other groves like this, in Jedediah Smith Redwoods State Park, need protection.

MOULIN.

Potential Additions to the National Park System



PROPOSALS

PARKS

	Map No.
National Capital Parks, D.C., Maryland, Virginia.....	27
Ozark Rivers National Monument (1), Missouri.....	36
Prairie National Park, Kansas.....	40
Canyonlands National Park, Utah.....	50
Rainbow Bridge National Park, Utah.....	51
Great Basin National Park, Nevada.....	55
Valle Grande National Park (6), New Mexico.....	66
RECREATION AREAS, SEASHORES, RIVERS, ETC.	
Oregon Dunes National Seashore (2), Oregon.....	2
Big Horn Canyon N.R.A., Montana, Wyoming.....	5
Pictured Rocks National Lakeshore (2), Michigan.....	11
Sleeping Bear National Lakeshore (2), Michigan.....	12
Allagash National River (2), Maine.....	16
Cape Cod National Seashore (2) (3), Massachusetts.....	20
Assateague Island National Seashore (2), Maryland and Virginia.....	24
Tocks Island N.R.A., New Jersey, Pennsylvania.....	25
Indiana Dunes National Lakeshore (2), Indiana.....	34
Point Reyes National Seashore (2) (3), California.....	58
Channel Islands National Seashore, California.....	60
Padre Island National Seashore (2) (3), Texas.....	70
Buffalo National River (2), Arkansas.....	73
Cumberland Island National Seashore (2), Georgia.....	81

MONUMENTS

St. Gaudens National Historic Site (4), New Hampshire.....	1
Ice Age National Scientific Reserve (5), Wisconsin.....	9
St. Croix Island National Monument (3) (4), Maine.....	17
Boston National Historic Sites (4), Massachusetts.....	18
Minute Man National Historical Park (3) (4), Massachusetts.....	19
Hamilton Grange National Memorial (4), New York.....	23
C & O Canal National Historical Park (4), Maryland.....	28
Lincoln Boyhood National Memorial (4) (8), Indiana.....	35
Wilson's Creek National Battlefield (3) (4), Missouri.....	39
Fort Larned National Historic Site (4), Kansas.....	41
Bent's Old Fort National Historic Site (4) (8), Colorado.....	42
Agate Springs Fossil Quarries National Monument (5), Nebraska.....	47
Fossil Butte National Monument (5), Wyoming.....	52
Golden Spike National Historic Site (4), Utah.....	53
Fort Bowie National Historic Site (4), Arizona.....	62
Hubbell Trading Post National Historic Site (4), Arizona.....	63
Pecos National Monument (4), New Mexico.....	65
Fort Smith National Historic Site (3) (4), Arkansas.....	72
Arkansas Post National Memorial (3) (4), Arkansas.....	74
Poverty Point National Monument (4), Louisiana.....	75
Congaree Swamp National Monument (5), South Carolina.....	80

PARKWAYS

Allegheny National Parkway, Kentucky, Virginia, West Virginia Maryland.....	30
Blue Ridge Parkway extension, Georgia, North Carolina.....	79

1. Scenic monument included under generic "park" category.
2. Designated on maps by "recreation area" symbol, although resource protection is a primary objective.
3. Authorized by Congress—land being acquired.
4. Historic significance.

SUGGESTIONS*

PARKS

Kabetogama Lake Area, Minnesota.....	Map No. 7
Huron Mountains Area, Michigan.....	10
Coast Redwoods, California.....	57
Guadalupe Mountains, Texas.....	68
Arbuckle Mountains (6), Oklahoma.....	71
Na Pali-Barking Sands, Hawaii.....	89
St. Elias-Wrangell Mountains, Alaska.....	90
Lake Clark Pass, Alaska.....	91

RECREATION AREAS, SEASHORES, RIVERS, ETC.

Rogue River (2), Oregon.....	3
Lewis & Clark (2), Montana.....	6
Elizabeth Islands (2), Massachusetts.....	21
Raystown, Pennsylvania.....	29
Cape Lookout (2) (7), North Carolina.....	48
Whiskeytown, California.....	56
Suwannee River (2), Florida, Georgia.....	82
Marco (2), Florida.....	85

MONUMENTS

Robert Frost (4), Vermont.....	13
Allegheny Portage Railroad and Johnstown Flood (4), Pennsylvania.....	14
Mount Clare Station and B & O Railroad Museum (5), Maryland.....	26
Longfellow (4), Massachusetts.....	33
Graham Cave (4), Missouri.....	37
Research Cave (4), Missouri.....	38
Florissant Fossil Shale Beds (5), Colorado.....	43
Lindenmeier (4), Colorado.....	44
Signal Butte (4), Nebraska.....	45
Robidoux Pass (4), Nebraska.....	46
Durango-Silverton Narrow Gauge Railroad (4), Colorado.....	49
Great Salt Lake (5), Utah.....	54
Old Mint (4), California.....	59
Meteor Crater (5), Arizona.....	61
Manuelito (4), New Mexico.....	64
Fort Toulouse (4), Alabama.....	76
Chassahowitzka Springs (5), Florida.....	83
Okeechobee Battlefield (4), Florida.....	84
Iolani Palace (4), Hawaii.....	87
Russian Fort & Waimea Beach (4), Hawaii.....	88

PARKWAYS

Lake Superior, Michigan, Wisconsin.....	8
Appalachian, Virginia, Maryland, Pennsylvania, New Jersey, New York, Connecticut, Massachusetts, Vermont, New Hampshire, Maine.....	15
Ohio River-Allegheny River, Ohio, Pennsylvania, New York.....	32
Great Smoky Mountains-Mammoth Cave-Natchez Trace, Tennessee, Kentucky.....	78

5. Scientific significance.
 6. Possible addition to Platt National Park.
 7. Possible extension of Cape Hatteras National Seashore.
 8. Established in 1963.
- *Qualifications not wholly determined. Further study needed.

The White Mountains at Echo Lake, New Hampshire.

DICK SMITH.





THE NORTHEAST

The Northeast region encompasses a wide range of physiographic and socioeconomic variation within a relatively limited land area. The outdoor recreation resources also are widely diversified, with the adequacy of existing facilities ranging from woefully insufficient to adequate. The contrast between the quiet solitude of the north woods of Maine and the crowded New Jersey and New York beaches typifies this diversity.

The nine States in the Northeast constitute the most densely populated region in the country, with 25 percent of the total population of the contiguous States residing on 5 percent of the land area. Because the majority of the people are concentrated in the east coast "megapolis" that sprawls across State lines, provision for outdoor recreation becomes regional in importance rather than intrastate. The fine ocean beaches of Long Island and New Jersey are an attraction for the inland dwellers as well as the coastal residents. The mountains of Pennsylvania, New York, and New England likewise are of interstate importance in meeting outdoor recreation needs. With a steadily improving network of interstate highways interlacing the whole Northeast region, regional planning for outdoor recreation becomes increasingly important.

Outdoor recreation and tourism produce relatively high income, and in several areas outdoor recreation is the prime income producer. A few areas have been chronically economically depressed. Fortunately, in the majority of these areas outdoor recreation and tourism can, with intelligent planning, be expected to contribute substantially toward reinforcing the economy.

The pattern of outdoor recreation in the region reflects a wide variety of preferences and opportunities for recreation activities. Many of these activities are related to water. Preferences are as varied as the opportunities offered—seashore, lakeshore, or streamside—rocky or sandy—forested shoreline of mountain

lake or sunny, breeze-cooled seacoast—crowds, isolation, or the range between—and a wealth of historical interest.

The recreation facilities of the region receive extremely intensive use in the summer. This use is most heavily concentrated in the major vacation areas in Maine (especially along the coast), in New York (the Adirondacks and the St. Lawrence River), and in other similar areas. Closer to the population centers, weekend recreation is concentrated in such areas as the New Jersey and Long Island beaches, the Catskill and Pocono Mountains, and Lake George in New York. Masses of people stream to these areas from Friday evening until Sunday, at which time use decreases to a relatively small number of permanent, summer, and 1- or 2-week vacation residents. Highways and other transportation facilities serving these areas are overtaxed at the times of arrival and departure.

Existing public park and recreation areas and facilities vary considerably in their adequacy to meet the needs. The influx of vacationers magnifies the needs in several of the States for recreation areas and facilities far beyond what would be required by their residents alone. In some cases the need for day and weekend use has been recognized, and attempts have been made to provide facilities to accommodate this need. In other areas no real evidence of the recognition of this need exists. In every case the sum total of the effort put forth to date has fallen short of satisfying the demand.

Private enterprise makes an important contribution in providing facilities and services to visitors in several parts of the region. Frequently a major resource in public or quasi-public ownership is the prime drawing attraction, with numerous satellite developments springing up around the area to provide services ranging from the essential to the luxurious. Privately



Developments preempt the shoreline at Grant Beach, N.J. . . .



State parks like Gifford Pinchot in Pennsylvania fill to over-flowing . . .



As eastern urban and suburban areas like Levittown, Pa., expand across the landscape.



Yet, wild corners of the Northeast, like the Allagash country of Maine, still offer unspoiled environment for recreation.

owned forest lands have been receiving increasingly heavy recreation use in the past few years. Several private organizations have as their objective the preservation of outstanding natural areas.

The major shoreline areas are privately owned, and public use is restricted. The storm along the Atlantic coast on March 6, 1962, served to point up the susceptibility of some of the past developments to flooding and destruction. The extent of the havoc wreaked upon structures on the barrier reefs and the degree to which natural, stabilized dunes withstood the storm have strengthened the justification for more preservation of natural beach environment.

The region has varied and abundant resources sufficient to satisfy the full range of recreation needs. The missing ingredient is an extensive land acquisition program, with provision for the adequate development of facilities. Existing areas should be rounded out and facilities improved. The need for day and weekend recreation opportunities is extremely pressing. The preservation of open space for recreation, esthetic, fish and wildlife, watershed, and other conservation purposes in and near urban centers has become imperative.

To help satisfy the need for close-in recreation areas, attention should be given to remaining natural and historic sites and the few remaining shoreline opportunities. Artificial lakes can go far toward satisfying needs for intensive recreation. Multiple-purpose reservoirs can, of course, play a major role, but in many

areas, impoundments with recreation as the primary purpose may be economically feasible. With the application of modern water purification practices, many water-supply reservoirs—still restricted—might be made available to meet needs.

Man has a very definite need for large, relatively remote areas where he can sense the solitude and inspiration of pristine nature. To supply this need adequately throughout the Northeast region, interstate and regional planning is required.

The Appalachian mountain chain offers the most significant opportunity for supplying the needs for more remote natural areas. Lying near the east coast "megapolis" and the growing urban, industrial complexes in western Pennsylvania and central New York, the mountains are even now reasonably accessible to multitudes of people. If the public can act quickly enough, acquisition of recreational lands in the mountains can logically serve as the backbone of a concentrated effort to protect and develop important outdoor recreation resources.

Although private enterprise should and undoubtedly will continue to play a major role in providing services required by recreationists, its ability to protect the essential central attracting resources is limited. Public efforts must be intensified to preserve large areas in a relatively natural condition. The opportunity to do so, particularly in places that are easily accessible to urban centers, is rapidly passing.



Historic monuments hallmark the Northeast. Paul Revere's statue stands near Old North Church, that is part of a complex of private and public properties proposed for group designation as Boston National Historic Sites.

CONNECTICUT

CONNECTICUT'S centers of population and industry enjoy many opportunities for close-in shore and upland recreation.

In the last decade the population increased 26 percent, to reach 2,535,234 in 1960; this rate of growth is expected to continue, with a population of 3,141,000 expected by 1976. Urban dwellers account for 78.3 percent of the State's population. They are concentrated in the southern part of the State near Long Island Sound and in the Connecticut River Valley. Population density averages 517 per square mile. The State has nine standard metropolitan statistical areas.

Manufacturing is the chief industry; agriculture ranks second in importance. Both are concentrated in the central lowland area of the State. Tourist and vacation expenditures in 1960 were estimated at \$105 million.

Rail and bus transportation are important in serving recreation areas, but are secondary to automobile travel. Traffic flow into and through the State is mainly in a southwest-to-northeast direction. Access to the recreation areas is good, but will be further improved by the new interstate routes.

The 245-mile shoreline of Long Island Sound is an outstanding asset worthy of preservation. The forested eastern and western upland regions contain several rivers and numerous streams, lakes, and ponds. The uplands present varied landscapes and have high recreation potential. Major rivers and streams can provide additional opportunities for recreation. Almost 63 percent of the State is forested.

Many and varied historic sites illustrate colonial beginnings, relations with local Indian tribes, events of the American Revolution, the evolution of modern industrial techniques, and the economic and cultural development of the State. The Old State House at

Hartford, Stanley-Whitman House in Farmington and Webb House in Wethersfield possess exceptional value in commemorating the history of the United States.

The coastal areas along the Atlantic Flyway are significant for migration and wintering of waterfowl. Fresh- and salt-water fishing are popular. Connecticut has completed a fishery survey of lakes and ponds and has developed a statewide public fishing access plan.

The climate is excellent for recreation. Summers are warm to moderately hot without excessive humidity. Fall and spring are very pleasant, but spring months are variable. Winters are cold, with some snow, but cold spells are not prolonged. Winter sports are popular, but the climate limits them.

Urban development is preempting open countryside that has been providing recreation opportunities for city dwellers. Pollution impairs recreation use of the State's rivers and beaches and harbors along the sound.

EXISTING PUBLIC AREAS

NATIONAL: The Corps of Engineers administers one reservoir of 879 acres. The 1960 attendance was 22,500.

STATE: The State Park and Forest Commission administers 83 parks, monuments, and recreation areas, amounting to 22,237 acres. Together they had a 1960 attendance of 4,497,058. The Commission also administers 27 State Forests containing 123,626 acres, 13 foot trails with a total length of 280 miles, and 1 horse trail of 7 miles. The Highway Department has 120 waysides well distributed throughout

the State, and additional areas are being developed. The Board of Fisheries and Game has 29 State owned or leased shooting areas totaling 59,930 acres and 9,080 acres in 61 pond and lake areas accessible to the public.

LOCAL: Three major nonurban areas total 1,042 acres.

QUASI-PUBLIC AND PRIVATE: Eight nature preserves total 8,817 acres; 56 miles of the Appalachian Trail traverse the northwestern corner of the State. There are four historic monuments available to the public.

PRIVATE ENTERPRISE: The many resort, motel, and tourist accommodations play an important role in serving vacationers. A large percentage of these facilities operate on a year-round basis.

PARK AND RELATED NEEDS

Preservation of open space for esthetic, recreation, and other conservation purposes is imperative. The State park system is well established and distributed; however, several of the areas are too small and some are relatively undeveloped. Foot and canoe trails should be developed to supplement basic park facilities. Day and weekend recreation facilities should be expanded to serve highly urbanized areas. Natural areas for nature study are too few in number.

Acquisition and protection of seashore areas is most urgent. Important river and stream valleys should be retained in a natural state. Recreation use of water-supply reservoirs should be studied. Marina and boating facilities are in need of expansion. The State highway program should provide for control of roadside developments. Additional wayside areas are needed. Emphasis should be given to incorporating esthetic considerations into the design of the Interstate Highway System.

Private and local agencies have been active in preserving many of Connecticut's historical treasures, and some areas have been placed under the care of the State, but much more needs to be done to realize more fully the rich historical heritage.

Existing State park and related areas provide approximately 22,980 acres for the 2,535,000 residents.

Potential areas identified in this plan total 17,880 acres. Considerably more acreage will be needed to meet the demands of the population of the State as well

as of the adjoining New York metropolitan region. Although recreation facilities may be lacking, the State forests and fish and game lands, with a combined total of 191,900 acres, are used for recreation and offer additional opportunities.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. If the following recommendations are implemented by vigorous action on the part of the agencies concerned, they can help provide needed outdoor recreation opportunities.

NATIONAL: A cooperative study of the feasibility of an Appalachian National Parkway, a portion of which would traverse the western part of Connecticut.

Acquisition of permanent easements for the Appalachian Trail.

Development of existing and proposed water-control projects to their fullest recreation potential.

STATE: A long-range program for land acquisition and development for State parks and recreation areas, with shorelands on Long Island Sound being given immediate attention, as indicated in the State's 1961 budget authorization of \$3.1 million. Expansion of existing State park facilities where appropriate. One park and five recreation areas are recommended, and one additional area is suggested.

A study to determine ways of incorporating esthetic and recreation considerations into the primary and secondary highway systems, with particular attention given to the new Interstate System.

Retention of portions of the Housatonic River and other selected streams in a free-flowing state. Study of possible recreation use of water-supply reservoirs. A portion of the Connecticut River offers potential as a water parkway. River and stream courses should be protected from encroachments and pollution. Flood plains on rivers and streams should be zoned to provide additional open space for recreation, as well as for other conservation benefits.

A comprehensive survey of archeological and historic sites to provide a basis for the preservation and development of those possessing outstanding educational and inspirational values.

Supporting recommendations include:

1. Development or expansion of marina and boating facilities.

2. Utilization of the recreation potential of existing reservoirs.
3. Further development of canoe routes and foot trails to supplement other recreation uses.
4. Preservation of nature preserves and similar areas possessing outstanding natural values.
5. Intensified efforts are needed to control water pollution on streams, rivers, and harbors.



South Pond in Connecticut's potential Taconic Tri-State park area.

CONNECTICUT	Number on map	Acreage		Significant features												Type of use				Activities								
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Recreation area: Thomaston Reservoir	45N	879	S	A											x				x	x					x	x	x	
STATE																												
Parks:																												
Mount Riga State Park	4S	276						x			x				x				x	x						x		
Campbell Falls State Park	7S	102						x			x			x	x				x	x						x		
Haystack Mountain State Park	9S	225	S	x				x			x				x				x	x		x	x	x			x	
Dennis Hill State Park	10S	240												x	x				x	x								
Ivy Mountain State Park	11S	50						x			x				x				x	x								
Platt Hill State Park	12S	50						x			x				x				x	x								
Talcott Mountain State Park	19S	19						x			x				x				x	x								
Penwood State Park	20S	780						x			x				x				x	x							x	
Bigelow Hollow State Park	22S	513	12	A				x			x				x	x			x	x	x	x	x	x				
Wolf Den State Park	27S	697						x			x		x		x	x			x	x	x							
Beaver Brook State Park	31S	401						x				x			x				x	x								
Pomeroy State Park	33S	104						x			x				x				x	x								
Bolton Notch State Park	35S	70	24	A				x			x				x				x	x					x			
Gay City State Park	36S	1,576	2	x				x			x		x		x				x	x		x	x	x				
Housatonic Meadows State Park	53S	448						x			x				x	x	x	x	x	x	x	x	x	x			x	
Macedonia Brook State Park	54S	2,294				x		x			x		x		x	x			x	x	x			x		x		
Kent Falls State Park	55S	275						x			x				x	x	x		x	x	x					x		
Above All State Park	56S	31						x			x				x				x									
Mount Bushnell State Park	58S	84						x			x				x				x	x							x	
George C. Waldo State Park	60S	150	S	A				x			x				x				x	x	x	x	x	x				
Southford Falls State Park	63S	120						x			x				x				x	x							x	
Whittemore Glen State Park	65S	304						x			x				x				x	x								
Sleeping Giant State Park	69S	1,253						x			x				x	x	x		x	x	x				x		x	
West Peak State Park	71S	181						x			x				x	x			x	x							x	
Lamentation Mountain State Park	72S	48						x			x				x	x			x	x								
Black Pond State Park	73S	449	75	A				x							x							x	x	x				
Trimountain State Park	74S	127						x			x				x				x	x								
Hurd State Park	80S	698				x		x			x				x	x	x		x	x	x	x	x	x			x	
George D. Seymour State Park	82S	200				x		x			x				x				x	x					x			x
Day Pond State Park	83S	180	6	x				x			x				x				x	x		x	x	x				
Brainard Homestead State Park	85S	25						x			x				x				x	x								
Devils Hopyard State Park	87S	860				x		x			x				x	x			x	x	x				x			
Beckett Hill State Park	104S	260	S	x				x			x				x				x	x		x	x	x			x	
Chatfield Hollow State Park	107S	345	5	x				x					x		x				x	x		x	x	x				
Quinnipiac River State Park	109S	307					x								x				x	x								
Osborndale State Park	112S	350						x			x				x				x	x							x	
Rocky Glen State Park	117S	41						x							x				x	x								
Collis P. Huntington State Park	119S	687	65	A				x			x				x				x	x					x			
Wooster Mountain State Park	120S	327						x			x				x				x	x								
Recreation areas:																												
Burr Pond State Park	14S	437	60	x				x							x	x			x	x	x	x	x	x				
Stratton Brook State Park	17S	145	1	x		x		x			x				x				x	x		x	x	x				
Mashamoquet Brook State Park	24S	83	1	A		x		x			x		x		x	x			x	x	x	x	x	x				
Quaddick State Park	25S	118	466	A				x			x				x				x	x		x	x	x				
Old Furnace State Park	29S	101	S	A				x			x		x		x				x			x	x	x				
Hopeville Pond State Park	30S	316	8	A		x		x			x				x	x			x	x	x	x	x	x				

See footnotes at end of table.

CONNECTICUT

EXISTING AREAS—Continued STATE—Continued

Recreation areas—Continued

Mansfield Hollow State Park.....	32S	110	S	A											x				x	x								
Sunset Rock State Park.....	41S	18									x				x				x	x								
Humaston Brook State Park.....	46S	288	65	x				x			x				x				x	x		x	x	x				
Black Rock State Park.....	47S	451	3	x				x			x				x	x			x	x	x	x	x	x				
Mount Tom State Park.....	50S	223	61	A				x			x				x				x	x		x	x	x				
Mohawk Mountain State Park.....	52S	245						x			x				x				x	x							x	
Lake Waramaug State Park.....	57S	95	680	A				x			x				x	x			x	x	x	x	x	x				
Squantz Pond State Park.....	59S	173	288	A				x			x				x	x			x	x	x	x	x	x				
High Rock Recreation Area.....	66S							x			x								x	x								
Wharton Brook State Park.....	70S	103	3	A				x			x				x				x	x		x	x	x				
Wadsworth Falls State Park.....	75S	285						x			x				x				x	x		x	x	x				
Millers Pond State Park.....	76S	261	S	x				x			x				x				x	x		x	x	x				
Haddam Meadows State Park.....	78S	158						x			x				x				x	x		x	x					
Higganum Reservoir State Park.....	79S	157	50					x			x				x				x	x		x	x	x				
Dart Island State Park.....	81S	2						x							x				x	x		x	x					
Haddam Island State Park.....	84S	14						x							x							x	x					
Minnie Island State Park.....	88S	1	S	A				x							x											x		
Hopemead State Park.....	89S	60	S	A				x			x				x				x	x		x	x	x				
Stoddard Hill State Park.....	94S	52						x			x				x				x	x		x	x	x				
Harkness Memorial State Park.....	101S	231						x							x				x	x	x	x		x	x			
Selden Neck State Park.....	105S	527						x			x					x	x			x	x	x	x	x				
Hammonasset Beach State Park.....	108S	932						x								x	x	x	x	x	x	x	x	x				
Silver Sands State Park.....	110S	52						x								x							x	x	x			
Indian Well State Park.....	113S	152						x			x				x				x	x		x	x	x				
Kettletown State Park.....	114S	485	975	A				x			x				x	x			x	x	x	x	x	x		x		
Monuments: Historic:																												
Nathaniel Lyon.....	23S	216													x				x									
Israel Putnam.....	28S														x				x									
Industrial Monument.....	51S	2													x				x									
Gillette Castle State Park.....	86S	144						x			x				x				x	x	x	x		x	x			
Miantomomo.....	90S														x				x									
Fort Shantok State Park.....	91S	183	3					x							x				x	x		x	x					
John Mason.....	96S														x				x									
Fort Griswold.....	100S	16													x				x									
Saybrook Fort.....	103S	17													x				x									
Putnam Memorial State Park.....	118S	210	20												x				x									
Swampfight.....	121S														x				x									
Beaches:																												
Rocky Neck State Park.....	102S	561						x	x							x	x	x	x	x	x	x	x	x		x		
Sherwood Island State Park.....	122S	209						x								x			x			x	x	x		x		
Forests:																												
Pachaug State Forest.....	92S	22,374	S	x				x							x				x	x						x		
Cockaponset State Forest.....	106S	14,801	S	x				x							x				x	x						x		
Foot trails:																												
Tunxis Trail.....	15S	36 mi.						x							x	x					x					x		
Marsh Pond Trail.....	18S	9 mi.						x							x	x					x					x		
Nipmuck Trail.....	21S	25 mi.						x							x	x					x					x		
Shenipsit Trail.....	37S	15 mi.						x							x	x					x					x		
Metacomet Trail.....	43S	30 mi.						x							x	x					x					x	x	
Mattuck Trail.....	48S	30 mi.						x							x	x					x					x	x	
Pootatuck Trail.....	61S	23 mi.						x							x	x					x					x		

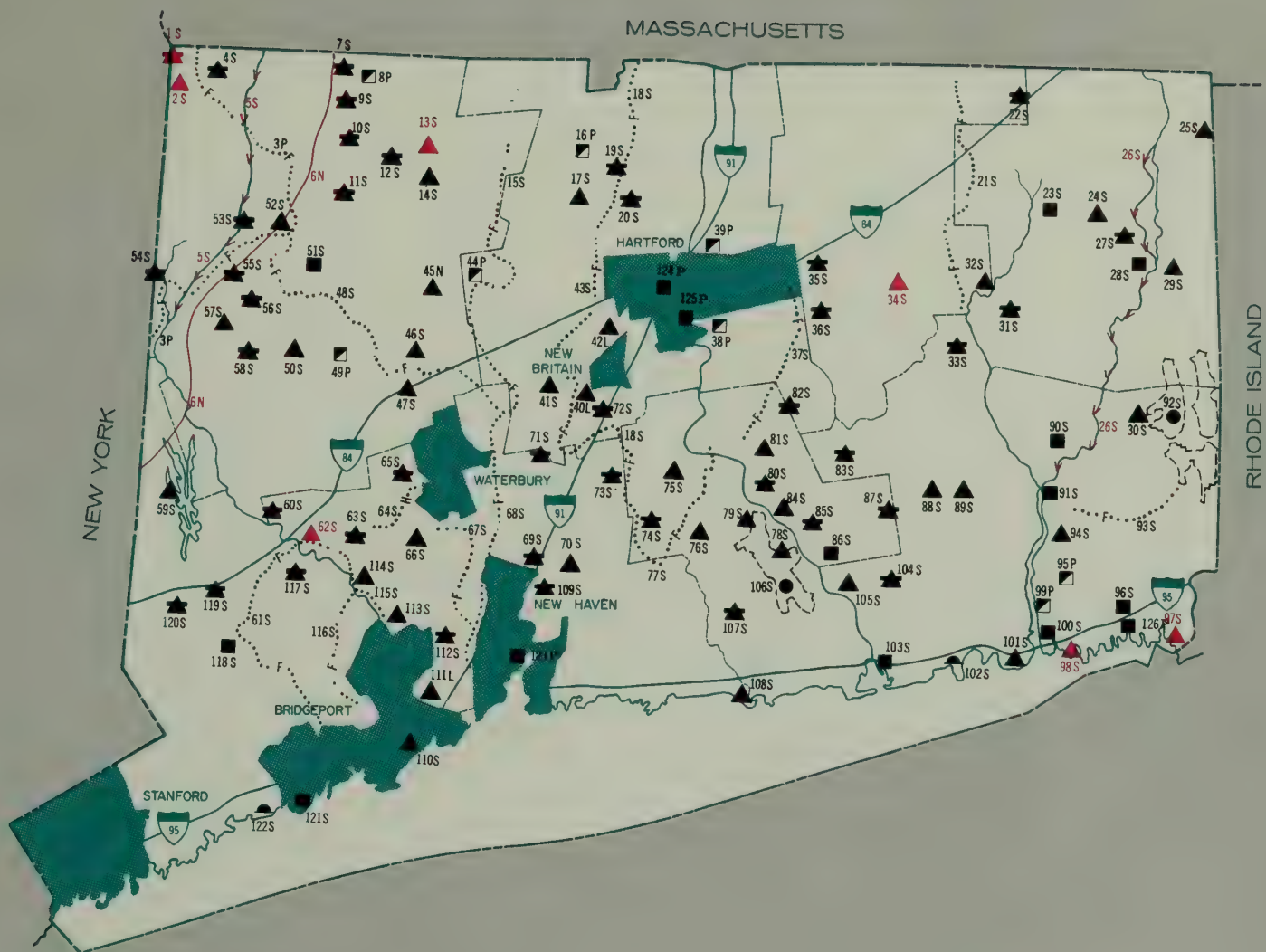
See footnotes at end of table.

CONNECTICUT	Number on map	Acreage		Significant features										Type of use				Activities										
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Foot trails—Continued																												
Naugatuck Trail.....	67S	15 mi.						x							x					x						x		
Quinnipiac Trail.....	68S	23 mi.						x							x	x				x						x		
Mattabesett Trail.....	77S	27 mi.						x							x	x				x						x		
Narragansett Trail.....	93S	15 mi.						x							x	x				x						x		
Paugussett Trail.....	115S	12 mi.						x							x	x				x						x		
Pomperaug Trail.....	116S	20 mi.						x							x	x				x						x		
Horse trail: Connecticut Bridle Trail.....	64S	7 mi.						x							x	x				x						x		
MAJOR LOCAL																												
Recreation areas:																												
Hungerford Park.....	40L	104						x				x			x				x	x								
Batterson Park.....	42L	901						x				x			x	x			x	x		x	x					
Camp Cedarcrest.....	111L	37													x	x					x	x	x					
MAJOR QUASI-PUBLIC AND PRIVATE																												
Monuments: Historic:																												
Connecticut Hall and Old Campus, Yale University.....	123P											x			x		x	x										
Mark Twain Memorial.....	124P											x			x		x	x										
Webb House.....	125P											x			x		x	x										
Mystic Seaport.....	126P											x			x		x	x										
Nature preserves:																												
Frederic C. Walcott Preserve.....	8P	278						x				x			x				x	x						x		
McLean Preserve.....	16P	4,000						x				x			x				x	x						x		
Cotton Hollow.....	38P	5						x				x			x				x	x						x		
Burnham Brook.....	39P	45						x				x			x				x	x						x		
Taine Mountain Preserve.....	44P	13						x				x	x		x				x	x						x		
White Memorial Sanctuary.....	49P	4,424						x				x			x				x	x						x		
Akeley Tract.....	95P	12										x			x				x	x						x		
Mamacoke Island.....	99P	40						x				x		x	x				x	x						x		
Foot trail: Appalachian Trail.....	3P	56 mi.						x				x	x		x	x	x		x	x	x				x	x	x	
POTENTIAL AREAS																												
NATIONAL																												
Parkway: Appalachian (Connecticut portion) (3)...	6N	34 mi.						x				x	x		x	x	x	x	x	x	x				x	x	x	
STATE																												
Park: Taconic Tri-State.....	1S	15,000						x				x	x		x	x	x	x	x	x	x	x	x	x		x	x	
Recreation areas:																												
Riga Lake and South Pond (3).....	2S	1,550	260	x											x				x	x		x	x	x				
Mad River Reservoir.....	13S	360	10		x										x				x	x		x	x	x				
Waumgumbaug Lake.....	34S	250	370	A											x				x	x		x	x	x				
Shepaug Reservoir.....	62S	400	S		x										x				x	x		x	x	x				
Barn Island.....	97S	20				x		x							x				x	x		x	x	x				
Bluff Point.....	98S	300					x	x							x				x	x		x	x	x				
Free-flowing streams:																												
Housatonic River (3).....	5S	60 mi.					x		x			x	x		x				x	x					x	x	x	
Quinebaug River (3).....	26S	30 mi.					x		x			x	x		x				x	x					x	x	x	

(1) Where acreage not shown: "S" indicates water surface under 500 acres.

(2) An "A" indicates all or major portions of water surface acreage is adjacent to area.

(3) Suggested area—qualifications not wholly determined. Further study required.



CONNECTICUT

0 10 20 30
SCALE IN MILES

	Existing	Potential
Park	★	★
Recreation Area , Etc.	▲	▲
Monument	■	■
Nature Preserve	▣	▣
Wilderness	▤	▤
Beach	▲	▲
Wildlife Area	◆	◆
Forest	●	●
Foot Trail	.....F.....	.....F.....
Horse Trail	.....H.....	.....H.....
Bicycle Trail	.....B.....	.....B.....
Canoe Trail	.....C.....	.....C.....
Parkway	————	————
Scenic Route	———	———
Free-flowing Stream		~~~~~

MAINE has an abundance of lakes, mountains, rivers, forests, and a rugged and varied coastline that has made it a vacationland for much of the eastern seaboard.

The State's population in 1960 was 969,265, a 6-percent increase over 1950. Fifty-one percent was urban. The projected population for 1976 is 1,069,000. There was an average of 31 persons per square mile, ranging from 4 in Piscataquis County, center of the Maine wilderness, to 314 in Cumberland County, which includes the city of Portland.

Lumbering and the manufacture of wood products are Maine's principal industries. Agriculture is next in importance, with major emphasis on potatoes, dairy products, and poultry. The tourist industry follows, making it one of the major revenue-producing activities in the State.

State roads are extensive in the southwestern part of the State, fewer in the north. All are adequate and most are scenic. It is estimated that 93 percent of the recreation seekers enter Maine by automobile. The Interstate System when completed may hurry travelers through to Canada, but it will also make much of eastern and northern Maine more accessible.

Lakes, mountains, rivers, forests, abundant fish and wildlife, a long and scenic coastline, and the largest wilderness area remaining in the East comprise Maine's important recreation resources. Hunting in the fall, winter sports, inland- and deep-water fishing, and, in summer, boating, swimming, camping, mountain climbing, hiking, and horseback riding can be enjoyed in fullest measure. Many rivers are particularly suited for canoe trips and true wilderness experiences are possible in several areas.

Maine has many survivals of its colorful history from the Anglo-French struggle for control of the fur trade

and fisheries, through the Indian wars, the Revolution, and War of 1812, and into the economic and cultural evolution of the modern State. The Lady Pepperrell House at Kittery Point possesses exceptional value in commemorating a phase of our history.

EXISTING PUBLIC AREAS

NATIONAL: The National Park Service administers 1 national park of 28,619 acres with a 1960 visitation of 1,638,000. There is one national forest of 41,004 acres with four recreation areas. The Bureau of Sport Fisheries and Wildlife has one national wildlife refuge of 22,566 acres with one recreation area.

STATE: Five agencies of the State administer a variety of areas: The Park Commission administers 17 parks of 15,576 acres and 15 historic sites of 230 acres. These had a combined 1960 attendance of 630,508. The Baxter State Park Authority administers a wilderness park of 193,254 acres, with 60,611 visits recorded in 1960. The State Forest Service maintains 260 campsites and 89 picnic grounds in its operation. There are 14 game management areas comprising 17,400 acres under the Inland Fish and Game Department.

LOCAL: No major nonurban local areas were identified.

QUASI-PUBLIC AND PRIVATE: Maine has 269 miles of the Appalachian Trail. Four historic monuments are of State or National significance.

PRIVATE: Private enterprise provides most of the services and accommodations for tourists and in-State

vacationists. Inns, hotels, motels, cabins, resident camps and family campgrounds are located throughout the State. Private campgrounds are of increasing importance. Many sporting camps for hunters and fishermen are situated in the more remote regions. Ski areas and extensive lakeshore cottage developments are on the increase. Bush pilots provide plane service into the back country. There are numerous guides catering to the sportsmen.

PARK AND RELATED NEEDS

Protection of key wild areas to insure retention of the "North Country" atmosphere is essential. There is need for preservation of certain free-flowing streams to insure a continuation of the natural values associated with streams in a relatively undisturbed setting. This is true also of some of Maine's best lakes and ponds still largely in a natural condition. Permanent easements for the Appalachian Trail are needed. There is need also for an expanded program of waysides and identification of scenic routes.

Further exploratory and development work is advisable to make the most of the State's rich historical resources. Moreover, the charming early New England atmosphere of Maine's villages and maritime and rural scenes is important and should be protected. Effective cooperation by State and local authorities is needed to provide such controls as zoning, scenic easements, and billboard regulation.

Although the State currently administers 209,060 acres in parks and related areas, the types and distribution are not balanced to meet 1976 needs. Meeting the demand for day- and weekend-use areas in the southern part of the State and the vacation needs throughout the State calls for expansion of present facilities and acquisition of areas of scenic and scientific interest, as well as areas suitable for water-based recreation along the coastline and the shorelines of lakes and streams. The 35,580 acres of potential and suggested areas shown in the tabulation should be acquired to correct this imbalance, and to furnish

adequate recreation lands for an expanding population and the ever-increasing use by visitors to the State.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations, if implemented by vigorous action on the part of the agencies concerned, may help to realize outdoor recreation opportunities needed for public enjoyment and use.

NATIONAL: Establishment of the Allagash National River. Establishment of St. Croix Island National Monument as authorized by Congress. Further study on the Maine portion of the suggested Appalachian Parkway.

STATE: Expansion of the State park system to preserve valuable resources by the addition of nine parks and two recreation areas, with further study of two parks, one recreation area, and one nature preserve. Designation and protection of two free-flowing streams and further study on one additional stream.

Supporting recommendations include:

1. Consideration should be given to working out cooperative methods between private owners and local and State public agencies that would combine timber management and production with recreational development and use.
2. Development of waysides along the Interstate Highway System to keep pace with highway construction.
3. Acquisition of permanent easements along the Appalachian Trail.
4. A statewide comprehensive archeologic and historic site survey to preserve and develop those sites found to possess sound educational and inspirational values.
5. Legislative support is suggested for encouraging the cooperative efforts of local governments toward acquiring and developing lands for local nonurban recreation use.



The Allagash River region of northwestern Maine is still an unspoiled country of adventure. A national river including the waterway and its headwater lakes has been proposed to preserve the area's wilderness character.

MAINE	Number on map	Acreage		Significant features										Type of use				Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Park: Acadia National Park.....	40N	28, 619	S	x			x	x			x	x	x	x	x	x	x	x	x	x	x	x	x	x		x			
Wildlife area: Moosehorn National Wildlife Refuge.	29N	22, 566	S	x		x		x				x			x			x								x	x		
Forest: White Mountains National Forest (Maine portion).....	74N	41, 004	S	x		x		x			x	x			x	x		x	x	x	x		x	x		x		x	
STATE																													
Parks:																													
Baxter State Park.....	14S	193, 254	S	x		x		x			x	x		x	x	x	x		x	x	x	x	x	x		x		x	
Lily Bay State Park (5).....	17S	653	L	A				x			x	x			x	x	x	x	x	x	x	x	x	x					
West Quoddy Head State Park (5).....	31S	150						x				x			x			x	x										
Warren Island State Park.....	47S	76						x				x			x			x			x								
Moose Point State Park (5).....	48S	178						x				x			x			x	x										
Camden Hills State Park.....	49S	5, 004						x	x			x	x		x	x	x	x	x	x	x								
Rangeley Lakes State Park (5).....	55S	695	M	A				x			x	x			x	x	x	x	x	x	x	x	x	x		x			
Mount Blue State Park (5).....	58S	4, 921	S	A				x			x	x			x	x	x	x	x	x	x	x	x	x					
Reid State Park.....	70S	792						x				x			x			x			x	x	x			x			
Bradbury State Park (5).....	73S	271						x				x			x	x	x		x	x	x								
Two Lights State Park (5).....	79S	40						x				x			x			x	x										
Salmon Falls State Park.....	81S	80	S	A	x	x		x							x				x			x	x						
Vaughn Woods State Park (5).....	83S	250						x				x			x				x	x						x			
Recreation areas:																													
Aroostook State Park.....	11S	577	M	A				x			x				x				x	x	x	x	x	x	x		x	x	
Lamoine State Park.....	39S	55						x				x			x	x		x	x	x	x	x	x						
Lake St. George State Park.....	50S	360	M	A				x				x			x	x	x	x	x	x	x	x	x	x					
Sebago Lake State Park.....	76S	1, 296	M	A				x			x	x			x	x	x	x	x	x	x	x	x	x					
Crescent Beach State Park.....	80S	178						x				x			x			x	x			x	x	x					
Monuments: Historic:																													
Fort Kent.....	1S	1						x					x		x		x	x											
Fort Machias.....	32S	2						x					x		x		x	x											
Fort Knox.....	43S	124						x					x		x		x	x	x										
Fort Pownall.....	44S	5						x					x		x		x	x											
Battery Gosslin.....	45S	1											x		x		x	x											
Fort George.....	46S	3							x				x		x		x	x											
Fort St. George.....	64S	3							x				x		x		x	x											
Fort William Henry.....	65S	1							x				x		x		x	x											
Fort Edgecomb.....	66S	3							x				x		x		x	x											
Narrow's Island.....	67S	1							x				x		x		x	x											
Fort Baldwin.....	68S	45							x				x		x		x	x											
Fort Popham.....	69S	10							x				x		x		x	x	x										
Mere Point.....	72S	1							x				x		x		x	x											
John Paul Jones.....	84S	2											x		x		x	x											
Fort McClary.....	85S	28											x		x		x	x	x										
Canoe trails:																													
Fish River-Chain of Lakes.....	2S	93 mi.		x		x		x			x	x			x	x	x				x	x	x	x	x	x			
Allagash River.....	5S	145 mi.		x		x		x			x	x			x	x	x				x	x	x	x	x	x	x	x	
St. John River.....	7S	201 mi.				x		x			x	x			x	x	x				x	x	x	x	x	x	x	x	
Fish Stream.....	12S	12 mi.				x		x			x	x			x	x	x				x	x	x	x	x	x			
East Branch Penobscot River.....	13S	118 mi.				x		x			x	x			x	x	x				x	x	x	x	x	x			
West Branch Penobscot River.....	15S	78 mi.				x		x			x	x			x	x	x				x	x	x	x	x	x			
Moosehead Lake.....	18S	200 mi.		x				x			x	x			x	x	x				x	x	x	x	x	x			
Moose River.....	19S	29 mi.				x		x			x	x			x	x	x				x	x	x	x	x	x			
Attean Lake.....	20S	30 mi.		x				x			x	x			x	x	x				x	x	x	x	x	x			

See footnotes at end of table.

MAINE	Number on map	Acreage		Significant features										Type of use				Activities										
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Canoe trails—Continued																												
Chain-of-Ponds.....	21S	7 mi.		x		x		x			x	x			x	x	x				x	x	x	x	x	x		
Flagstaff Lake and Dead River.....	23S	23 mi.		x		x		x			x	x			x	x	x				x	x	x	x	x	x		
Molunkas Stream.....	25S	28 mi.				x		x			x	x			x	x	x				x	x	x	x	x	x		
Mattawamkeag River.....	26S	46 mi.				x		x			x	x			x	x	x				x	x	x	x	x	x		
East Grand Lake and St. Croix River.....	27S	95 mi.		x		x		x			x	x			x	x	x				x	x	x	x	x	x		
Grand Lake-Machias River.....	35S	75 mi.		x		x		x			x	x			x	x	x				x	x	x	x	x	x		
Union River and Great Pond.....	36S	36 mi.		x		x		x			x	x			x	x	x				x	x	x	x	x	x		
Union River.....	38S	35 mi.				x					x	x			x	x	x				x	x	x	x	x	x		
Penobscot River.....	42S	82 mi.				x		x			x	x			x	x	x				x	x	x	x	x	x		
Belgrade Lakes.....	51S	32 mi.		x		x		x			x	x			x	x	x				x	x	x	x	x	x		
Kennebec River.....	53S	125 mi.		x		x		x			x	x			x	x	x				x	x		x	x	x		
Rangeley Lakes.....	56S	45 mi.		x				x			x	x			x	x	x				x	x	x	x	x	x		
Androscoggin River.....	59S	114 mi.				x		x			x	x			x	x	x				x	x		x	x	x		
Cobboscontee Stream and Maranacook Lake.....	62S	34 mi.		x		x		x			x	x			x	x	x				x	x	x	x	x	x		
Damariscotta River and Lake.....	63S	50 mi.		x		x		x			x	x			x	x	x				x	x	x	x	x	x		
Kezar Lake and Saco River.....	75S	84 mi.		x		x		x			x	x			x	x	x				x	x	x	x	x	x		
Ossipee River.....	77S	49 mi.				x		x			x	x			x	x	x				x	x	x	x	x	x		
Sebago Lake.....	78S	105 mi.		x		x		x			x				x	x	x				x	x	x	x	x	x		
MAJOR QUASI-PUBLIC AND PRIVATE																												
Monuments: Historic:																												
Lady Pepperrell House.....	86P											x			x		x	x										
Wadsworth-Longfellow House.....	87P											x			x		x	x										
Harriet Beecher Stowe House.....	88P											x			x		x	x										
Bowdoin College.....	89P											x			x		x	x										
Foot trail: Appalachian Trail.....	54P	269 mi.				x		x			x	x		x	x	x	x		x	x	x			x	x	x	x	
POTENTIAL AREAS																												
NATIONAL																												
River: Allagash.....	9N	296, 500	50, 000	x		x		x			x	x		x	x	x	x		x	x	x	x	x	x	x	x	x	
Monument: Historic: St. Croix Island (3).....	30N	27						x					x	x		x		x										
Parkway: Maine Portion, Appalachian Parkway (4).....	24N	182 mi.		x		x		x			x	x		x	x	x		x	x	x	x					x		
STATE																												
Parks:																												
Fish River Lakes Region.....	3S	1, 500	M	A		x		x			x									x	x	x	x	x	x		x	
DeBoulie Mountain.....	4S	3, 000	M	x				x			x				x	x	x		x	x	x	x	x	x	x		x	
Moosehead Lake-West Shore.....	16S	1, 000	L	A				x			x				x	x	x		x	x	x	x	x	x	x		x	
Grand Lakes (4).....	28S	2, 000	M	A				x			x	x			x	x			x	x	x	x	x	x	x		x	
Roque Islands.....	33S	1, 500						x	x						x	x	x		x	x	x	x	x	x	x		x	
Tunk Lake (4).....	37S	2, 000	M	A				x			x	x			x	x	x		x	x	x	x	x	x	x		x	
Big Hill.....	41S	1, 000	M	A				x			x	x			x	x	x		x	x	x	x	x	x	x		x	
Belgrade Lakes Region.....	52S	3, 000	M	A				x			x	x			x	x	x		x	x	x	x	x	x	x		x	
Grafton Notch.....	57S	5, 700						x			x				x				x	x	x				x		x	
Anasagunticook.....	60S	1, 260	M	A				x			x				x	x	x		x	x	x	x	x	x	x		x	
Androscoggin.....	61S	30	M	A				x			x				x	x			x		x	x	x	x		x		
Recreation areas:																												
Bigelow Mountain (4).....	22S	10, 000	M	A				x			x				x	x	x		x	x	x	x	x	x		x		
Popham Beach.....	71S	1, 500						x					x		x	x			x	x	x	x	x	x	x		x	
Crescent Surf.....	82S	500						x				x			x	x			x		x	x	x	x		x		

See footnotes at end of table.

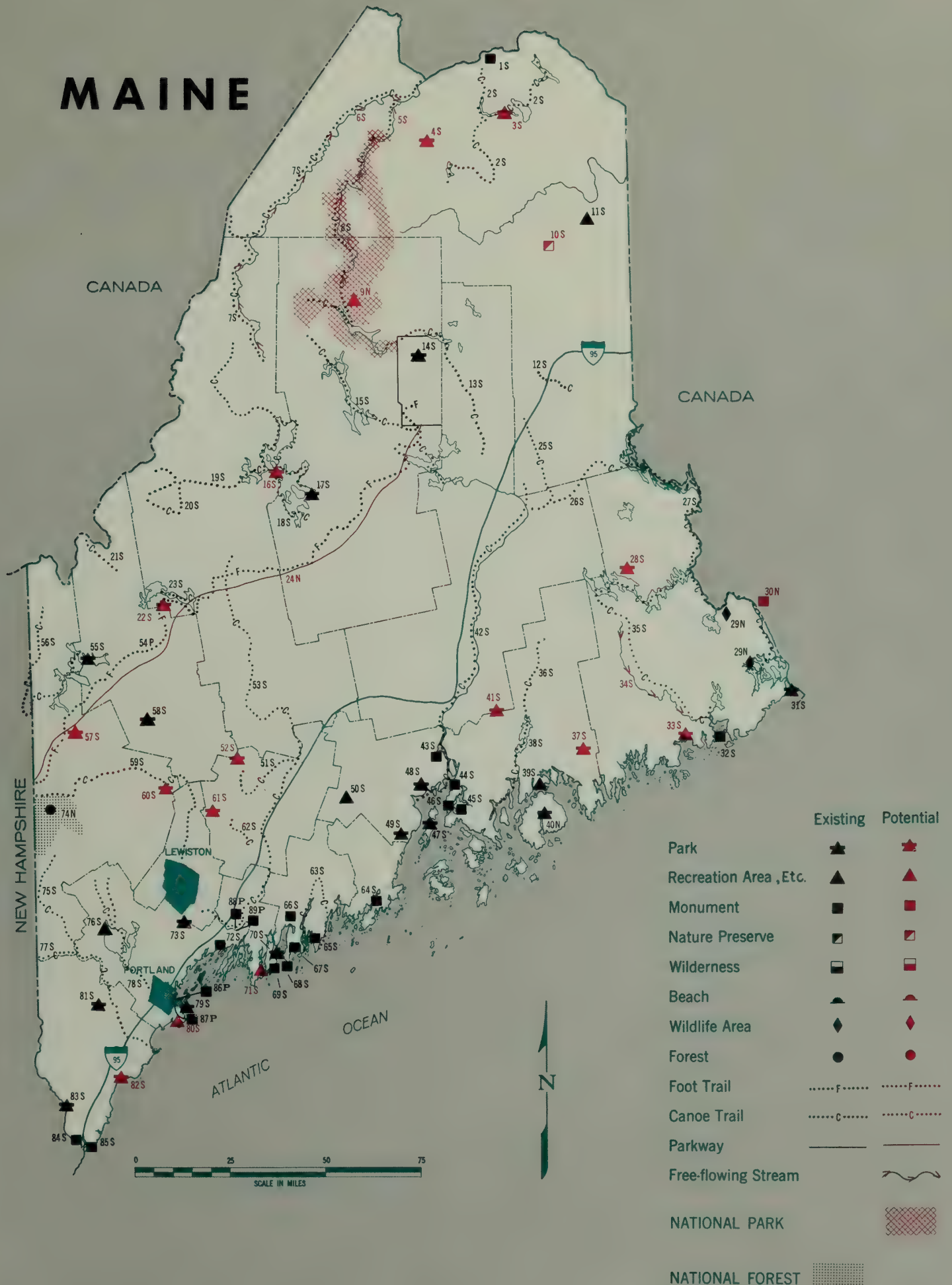
MAINE	Number on map	Acreage		Significant features										Type of use				Activities										
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Nature preserve: Squapan Lake (4).....	10S	1,590	S	x			x			x	x			x	x				x	x	x	x	x		x			
Free-flowing streams:																												
St. John River.....	6S	40 mi.				x		x			x	x		x	x	x			x	x	x	x	x		x			
Allagash River.....	8S	80 mi.				x		x			x	x		x	x	x			x	x	x	x	x		x			
Machias River (4).....	34S	40 mi.				x		x			x	x		x	x	x			x	x	x	x	x		x			

- (1) Where acreage is not shown:
 "S" indicates water surface under 500 acres.
 "M" indicates water surface 500 to 10,000 acres.
 "L" indicates water surface over 10,000 acres.
- (2) An "A" indicates all or major portions of water surface acreage is adjacent to area.
- (3) Authorized by Congress; not yet established.
- (4) Suggested area—qualifications not wholly determined. Further study required.
- (5) Major additions recommended.



Near Popham Beach, an important seashore area in Maine, England first attempted a New England colony. Fort Popham close by dates from Civil War times.

MAINE



MASSACHUSETTS

MASSACHUSETTS is a highly populated and industrialized State with an abundant variety of opportunities for seashore and upland recreation.

In the last decade the population increased 9.8 percent, to 5,148,578 in 1960. The forecast for 1976 is 5,489,000. Urban dwellers account for 83.6 percent of the 1960 population. There are 11 metropolitan areas, including Boston.

In the economy, manufacturing and industry rank first, with the research industry of special importance; agriculture ranks second. The tourist industry ranks third with estimated expenditures of \$400 million in 1960, of which approximately \$250 million comes from out-of-State visitors.

The present State highway system and proposed interstate routes provide easy and rapid access to recreation areas within the State and in adjoining States.

Extensive ocean shoreline with sandy beaches lies close to the major population centers of the New England States and the New York metropolitan region. Wetlands associated with the seashore are important for feeding and nesting of waterfowl. Forested upland regions contain highly scenic mountain ranges, numerous streams, rivers, and lakes. Sixty percent of the State is forested. Winter sports are important in the Berkshire and Wachusett Mountains. Reservoirs and town forests offer possible recreation opportunities. Although State laws provide for fishing on great ponds (over 20 acres), access to these ponds is a problem. The State owns five public fishing sites and leases seven. Fresh and salt water fishing and hunting are of local interest. The State wayside program is well established. Wayside

areas of 3 to 6 acres are being developed along the interstate routes.

Urban sprawl is encroaching on open countryside that has been affording recreation and scenic values. Pollution impairs the recreation value of the State's rivers and beaches.

Massachusetts is endowed with many historic sites illustrating the colonial period, origins of the American Revolution, economic growth, and flowering of the 19th-century intellect.

The climate offers recreation opportunities during all four seasons. Summer temperatures in the Berkshires and along the seashore are unusually pleasant. Conditions are fairly dependable for winter sports, which are popular. In the spring, rains and chilly winds limit recreation activities. Fall, with its autumn foliage, is very pleasant. The major recreation season runs from 3 to 4 months.

EXISTING PUBLIC AREAS

NATIONAL: The National Park Service administers 3 historic monuments that had an attendance of 68,000 in 1960. The Fish and Wildlife Service has three national wildlife refuges totaling 9,314 acres. The Corps of Engineers administers seven reservoir areas with 12,468 acres.

STATE: The Division of Forests and Parks administers 11,476 acres in 24 parks and recreation areas that had a 1960 attendance of 1,466,450, and 105 forests with 168,065 acres. The State Reservation Commission has eight areas amounting to 14,214 acres. The Division of Waterways administers six areas containing 5,497 acres. The Division of Fisheries and Game

administers 2,133 acres in hunting and fishing areas. The Division of Highways maintains approximately 350 roadside areas. The Trustees of Reservations have jurisdiction over 28 historic sites.

LOCAL: The Boston Metropolitan District Commission administers 13 areas totaling 14,000 acres and the State-owned Bunker Hill Monument. One other historic monument is locally owned.

QUASI-PUBLIC AND PRIVATE: Eight historic monuments of State or national significance are open to the public. Seventy miles of the Appalachian Trail traverse the western part of the State.

PRIVATE ENTERPRISE: The variety of private recreation facilities includes commercial seashore resorts, resort developments in the mountain and lake regions, and more modest family accommodations. They provide for a major portion of the weekend and vacation needs of residents and nonresidents.

PARK AND RELATED NEEDS

The establishment of Town Conservation Commissions marks an important step toward the preservation of open space, but the need for intensifying the development of comprehensive coordinated planning poses a challenge. Although the State park and forest system is well established, areas require consolidation, expansion, and development. Urgently needed are parks and related areas contiguous to metropolitan areas. Preservation of seashore areas is of critical importance.

Free-flowing streams, rivers, river valleys, and wetlands should be preserved for their natural values. Greater recreation use should be made of water-supply and flood-control reservoirs. Boating facilities should be expanded. Foot, horse, bicycle, and canoe trail systems are relatively undeveloped. Natural areas should be expanded. Pollution control and flood-plain zoning are badly needed.

A large number of the State's significant historic sites have been preserved for public use, chiefly by local and private agencies, some with Federal and State assistance, but much remains to be done to make the most of these important inspirational and economic resources. Twenty-five sites have been evaluated as possessing exceptional value in commemorating the history of the United States.

Existing State parks and recreation areas provide

approximately 37,115 acres for 5,149,000 residents. Potential State areas identified in this plan total approximately 185,870 acres. Even if these areas are established and developed, there may be a need for additional areas by 1976. Existing local parks and recreation areas provide approximately 13,259 acres. Additional areas should be acquired or developed to meet present and future needs. These figures do not include the acreages of public lands administered primarily for purposes other than recreation. The State forests and fish and game lands, with a combined acreage of approximately 170,000 acres, are largely available for recreation and may offer additional opportunities.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. It is hoped that the following recommendations, implemented by vigorous action on the part of the agencies concerned, can help provide needed outdoor recreation opportunities for public enjoyment and use.

NATIONAL: Establishment of the Boston National Historic Sites and Longfellow National Historic Site as units of the National Park System. Further study be given to the Elizabeth Islands as a possible national area.

Provision of more adequate public recreation land and facilities on existing flood-control reservoirs.

Reevaluation of the desirability and feasibility of an Appalachian National Parkway, a portion of which might pass through Massachusetts.

STATE: Expansion of the State park system by addition of 5 parks, 13 recreation areas, and 3 public seashores. Four other parks, 15 recreation areas, 1 public seashore, 1 free-flowing stream, and a parkway are suggested for further consideration.

LOCAL: Intensification of efforts to encourage and insure sound planning through such efforts as the Town Conservation Commission activities. Immediate acquisition and development of areas closely related to urban centers for parks and recreation areas, as well as other conservation uses.

Supporting recommendations include—

1. Protection of river and stream courses in their natural state through flood-plain zoning and pollution control programs.

2. Acquisition of permanent easements for the Appalachian Trail.
3. Expansion of foot, horse, bicycle, and canoe trail systems, with adequate protective easements.
4. Protection of the scenic and esthetic qualities of existing highways and incorporation of these qualities into the design of future highways.
5. A comprehensive survey of archeological and historic sites with a view to the preservation and development of those possessing sound educational and inspirational values.



The home of Henry Wadsworth Longfellow, architectural masterpiece in Cambridge, Massachusetts, that once served as George Washington's headquarters, is proposed as the Longfellow National Historic Site.

MASSACHUSETTS	Number on map	Acreage		Significant features									Type of use			Activities													
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Recreation areas:																													
Birch Hill Reservoir.....	16N	4,396	82	x											x				x	x	x	x	x	x					
Tully Reservoir.....	17N	1,310	S	x											x				x	x		x	x	x					
Knightville Reservoir.....	66N	2,430	S	x											x				x	x		x		x	x	x			
East Brimfield Reservoir.....	83N	2,124	430	x											x				x	x		x	x	x	x	x	x		
Buffumville Reservoir.....	87N	488	200	x											x				x	x		x	x	x					
West Hill Reservoir.....	90N	602	S	x											x				x	x									
Cape Cod Canal.....	109N	1,118	575			x	x					x			x	x	x	x	x	x		x	x	x		x			
Monuments: Historic:																													
Salem Maritime National Historic Site.....	30N	9											x		x			x											
Adams National Historic Site.....	95N	5											x		x			x											
Wildlife areas:																													
Parker River National Wildlife Refuge.....	26N	6,403				x						x							x	x	x	x	x	x	x	x			
Great Meadows National Wildlife Refuge.....	50N	216										x														x			
Monomoy National Wildlife Refuge.....	125N	2,695				x						x							x	x	x			x		x			
STATE																													
Parks:																													
Taconic Trail State Park (5).....	1S	558					x				x				x				x	x									
Mount Greylock State Reservation.....	7S	9,000					x				x				x				x	x	x					x	x		
Bradley W. Palmer State Park (5).....	27S	721					x				x				x				x	x		x	x						
Wachusett Mountain State Reservation.....	59S	1,600					x				x				x	x			x	x	x					x			
North Sugarloaf Mountain State Park.....	63S	447					x				x				x				x	x						x			
Mount Sugarloaf State Reservation.....	64S	81					x				x				x	x			x	x	x					x			
Deer Hill State Reservation.....	69S	259					x				x				x	x			x	x	x					x			
Wahconah Falls State Park.....	70S	47					x				x				x				x	x						x			
Balance Rock State Park.....	71S	140													x	x			x	x									
Mount Everett State Reservation.....	75S	1,216	16	x			x				x				x	x			x	x					x				
Joseph A. Skinner State Park (5).....	82S	375					x				x				x	x			x	x									
John H. Dudley Memorial Forest.....	88S	70					x				x				x				x	x									
Purgatory Chasm State Reservation.....	89S	188					x				x				x	x			x							x	x		
Hopkinton State Park (5).....	93S	932	178	x											x							x	x	x					
Province Lands State Park.....	104S	3,810					x								x				x	x		x	x	x					
Pilgrim Springs State Park (5).....	105S	1,000	S	x			x								x				x	x						x			
Recreation areas:																													
Clarksburg State Park.....	8S	368	25				x				x				x				x	x	x	x	x	x					
Hairpin Turn.....	9S	500									x				x				x	x	x								
Crooked and Plainfield Ponds.....	11S	2,500	S	x											x				x	x	x	x	x						
Squannacook River.....	20S	600					x								x				x	x					x				
Charles River Reservation (5).....	43S	1,800					x								x				x	x					x				
Mystic Lakes.....	48S	51	S	x											x								x		x				
Walden Pond State Reservation.....	51S	209	65	x				x							x				x	x		x	x	x					
Cochituate State Park.....	53S	1,032	564	x				x							x				x	x		x	x	x					
Quinsigamond State Park.....	57S	35	S	x											x				x	x		x	x						
Mount Tom State Reservation.....	80S	1,800						x				x			x	x			x	x	x	x	x	x		x	x		
John C. Robinson State Park.....	81S	1,021	2	x					x			x			x				x	x		x	x	x					
Walker Pond.....	85S	600	S	x											x				x	x	x	x	x						
Whitehall State Park (5).....	92S	850	543	x				x				x			x							x	x	x					
Ashland State Park.....	94S	455	138	x											x				x	x		x	x	x					
Ames Nowell State Park (5).....	98S	580	60	x											x				x	x		x	x	x					
Roland C. Nickerson State Park.....	107S	1,777						x				x			x	x			x	x	x	x	x	x					
Watson Pond State Park.....	116S	12	S	x				x							x				x	x		x	x	x					
Demarest Lloyd Memorial State Park.....	119S	220						x				x			x	x			x	x	x	x	x	x					

See footnotes at end of table.

MASSACHUSETTS	Number on map	Acreage		Significant features										Type of use				Activities										
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Monuments: Historic:																												
Bunker Hill Monument (6).....	34S											x		x	x	x	x											
Standish Monument.....	102S	28										x		x		x	x	x	x									
Plymouth Rock.....	115S											x		x	x	x	x		x	x								
Dighton Rock State Park (5).....	117S	85										x		x				x	x									
Nature preserve: Lindon Bates Memorial State Park.....	2S	424									x			x												x		
Beaches:																												
Salisbury State Beach.....	24S	512					x							x	x				x	x	x	x	x	x				
Plum Island State Park (5).....	25S	67					x							x					x	x		x	x	x				
Scusset State Beach.....	110S	380					x							x					x	x		x	x	x				
Horseneck State Beach.....	118S	520					x							x					x	x		x	x	x				
Fort Phoenix.....	120S	23					x							x					x	x		x	x	x				
South Cape Beach.....	126S	123					x							x					x	x		x	x	x				
Edgarton Oak-Bluff State Beach.....	129S	99					x							x					x	x		x	x	x				
Forests:																												
October Mountain State Forest (5).....	72S	14, 189	18	x				x			x			x	x				x	x	x	x	x	x	x	x		
Myles Standish State Forest (5).....	111S	10, 909						x						x	x				x	x	x				x	x		
MAJOR LOCAL																												
Parks:																												
Neponset River Reservation.....	40L	920					x		x					x					x	x						x		
Blue Hills Reservation.....	41L	6, 000						x			x			x	x				x	x	x	x	x				x	
Mystic River Reservation.....	45L	56					x							x					x	x		x	x	x				
Middlesex Fells Reservation.....	46L	3, 500						x						x	x				x	x	x						x	
Recreation areas:																												
Breakheart Reservation.....	31L	620												x														
Stony Brook Reservation.....	42L	700					x							x					x	x				x				
Cummings Memorial Park.....	47L	234												x					x	x						x		
Boynton Park.....	58L	115												x					x	x						x		
D. W. Field Park.....	97L	600	S	x										x					x	x		x	x	x				
Sandy Neck.....	108L						x							x					x	x				x				
Beaches:																												
Lynn Beach.....	32L	123					x							x								x						
Revere Beach.....	33L	148					x							x					x	x			x	x	x			
Winthrop Beach.....	35L	16					x							x								x	x					
Nantasket Beach.....	37L	26					x							x								x						
Wollaston Beach.....	39L	41					x							x								x	x					
Plymouth Beach.....	114L	160					x							x								x	x					
Barrier Beach.....	124L						x							x								x	x					
Chappiquiddick Island Beach.....	130L						x							x								x	x					
Bicycle trails:																												
Charles River Basin Path.....	44L	11 mi.					x							x						x								
Nantucket Island Path.....	131L	7 mi.						x						x						x								
Monuments: Historic:																												
Buckman Tavern.....	132L													x		x	x											
Dorchester Heights (7).....	147L	5																										
MAJOR QUASI-PUBLIC AND PRIVATE																												
Monuments: Historic:																												
Cole's Hill.....	133P											x		x		x	x											
Isaac Royall House.....	134P											x		x		x	x											
First Normal School.....	135P											x		x		x	x											
Jeremiah Lee House.....	136P											x		x		x	x											

See footnotes at end of table.

MASSACHUSETTS	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
MAJOR QUASI-PUBLIC AND PRIVATE—Continued																												
Monuments: Historic—Continued																												
Massachusetts Hall, Harvard University.....	137P											x		x		x	x											
Old Deerfield Village.....	138P											x		x		x	x											
The Whipple House.....	139P											x		x		x	x											
Wright's Tavern.....	140P											x		x		x	x											
Nature preserve: Black Pond.....	113P		S	x							x			x												x		
Foot trail: Appalachian Trail.....	5P	70 mi.					x			x	x		x	x	x			x	x	x				x		x		
POTENTIAL AREAS																												
NATIONAL																												
Seashores:																												
Cape Cod (3).....	106N	26, 666					x					x	x		x	x	x	x										
Elizabeth Islands (4).....	128N	10, 000					x					x			x	x	x	x	x	x	x	x	x	x		x		
Monuments: Historic:																												
Boston Historic Sites.....	36N	25										x			x	x	x	x										
Minute Man National Historic Site (3).....	49N	750										x			x	x	x	x										
Longfellow House.....	146N	4										x			x		x	x										
Parkway: Appalachian (Massachusetts portion) (4) ..	6N	62 mi.					x				x				x	x	x	x	x							x		
STATE																												
Parks:																												
Upper Deerfield River Valley.....	12S	12, 200				x									x				x	x					x			
Crouch Pond (4).....	13S	5, 025	S	x											x				x	x					x			
Magnolia Shore.....	29S	40				x									x				x	x								
Strawberry Point.....	38S	175				x									x				x	x					x		x	
Quabbin Reservoir (4).....	62S	104, 000	24, 000	x			x				x				x	x			x	x	x	x	x	x	x	x		
Holyoke Range.....	65S	10, 000				x		x			x				x	x			x	x	x			x		x		
Chesterfield Gorge (4).....	67S	1, 760				x		x							x				x	x		x	x	x		x		
Taconic Tri-State.....	76S	16, 000	S	x			x				x				x				x	x	x	x	x			x		
Westfield River-Gross Heights (4).....	78S	495				x									x				x	x					x		x	
Recreation areas:																												
Cheshire Reservoir (4).....	4S	2, 240	S	x											x							x	x	x				
French King Rock (4).....	14S	50				x									x				x	x		x	x					
Beaver Brook (4).....	15S	915				x									x				x	x		x	x					
Carter Pond (4).....	18S	840	S	x											x							x	x	x				
Rocky Hill (4).....	19S	800									x				x				x	x								
Nissitissit River (4).....	21S	450				x									x				x	x		x	x	x				
Heald Pond (4).....	22S	1, 065						x			x				x				x	x		x	x	x				
Ames Pond.....	23S	900	S	x											x				x	x	x							
Sudbury River.....	52S	20				x									x							x	x	x				
Sudbury Reservoir (4).....	54S	5, 235				x									x				x	x	x	x	x	x				
Milham Reservoir.....	55S	700				x									x				x	x		x	x	x				
Rocky Pond.....	56S	3, 550	S	A											x				x	x	x	x	x	x				
Moulton Pond.....	60S	960	S	x											x							x	x	x				
Old Reservoir.....	61S	2, 400				x									x				x	x	x	x	x	x				
Rudd Pond and Rudd Pond Brook (4).....	73S	2, 170	S	A											x				x	x		x	x					
Mill Pond (4).....	74S	870	S	x											x				x	x	x	x	x					
Cooley Lake.....	77S	215	S	x											x							x	x					
Littleville Reservoir (4).....	79S	150				x									x				x	x		x	x	x				
Westville Reservoir (4).....	84S	20				x									x				x	x		x	x					
Gore Pond.....	86S	1, 600	S	x											x				x			x	x	x				

See footnotes at end of table.

MASSACHUSETTS	Number on map	Acreage		Significant features									Type of use		Activities													
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Recreation areas—Continued																												
Beaver Pond (4).....	91S	985	S	x											x					x	x		x	x				
Bound Brook (4).....	96S	930										x		x	x					x	x		x	x				
Indian Head River.....	99S	1,300				x														x	x		x	x	x			
Black Mountain.....	101S	1,200	S	x		x									x					x	x		x	x	x			
Indian Hill.....	112S	3,050	S	x		x									x					x	x		x	x	x			
West Island.....	121S	350					x								x					x	x		x	x	x			
Mashpee River (4).....	122S	320				x									x							x	x	x				
Washburn Island.....	127S	320				x									x							x	x					
Wilderness: Westfield River Upper Wilderness (4) ..	68S	1,300						x			x	x			x					x	x					x		
Beaches:																												
Wingaersheek Beach (4).....	28S	80					x								x							x	x	x				
Humarock Beach.....	100S	680					x								x								x	x				
Duxbury Beach.....	103S	480					x								x								x	x				x
Hardings Beach.....	123S	200					x								x								x	x				
Parkway: Skyline Drive (4).....	3S	27 mi.						x			x				x			x	x							x		
Free-flowing stream: Deerfield River (4).....	10S	65 mi.				x									x					x			x		x			

(1) Where acreage not shown: "S" indicates water surface under 500 acres.

(2) An "A" indicates all or major portion of water surface acreage is adjacent to the area.

(3) Authorized by Congress; land not yet acquired.

(4) Suggested area—qualifications not wholly determined. Further study required.

(5) Major additions recommended.

(6) Eligible for Registered National Historic Landmark status.

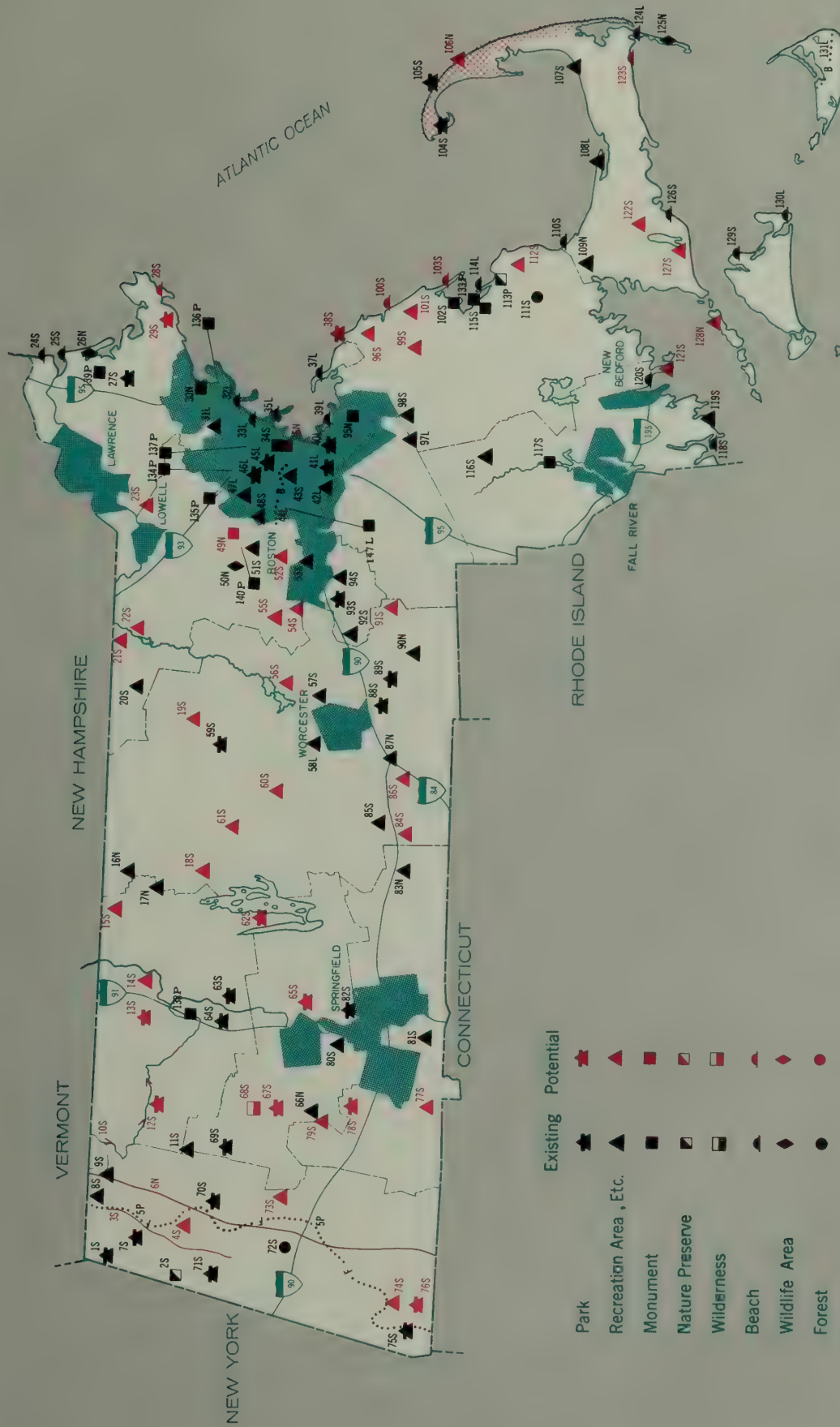
(7) National historic site in non-Federal ownership.



The size and location of Duxbury Beach give it prime importance for public recreation in Massachusetts.



The Connecticut River's famed oxbow area at Hockanum Flat, site of an Indian raid and archeological finds, is proposed as part of a 10,000-acre Holyoke Range State Park. The pastoral river valley is here seen from the existing 375-acre Joseph A. Skinner State Park atop Mount Holyoke.



Existing Potential

- Park
- Recreation Area, Etc.
- Monument
- Nature Preserve
- Wilderness
- Beach
- Wildlife Area
- Forest
- Foot Trail
- Horse Trail
- Bicycle Trail
- Parkway
- Free-flowing Stream
- NATIONAL PARK

NEW HAMPSHIRE

NEW HAMPSHIRE possesses resources for year-round outdoor recreation that have made it one of the Nation's important vacation lands.

Its population increased 13 percent from 1950 to 606,921 in 1960. Projections indicate there may be 710,000 by 1976. The urban population increased 13 percent during the last decade to 58 percent of the total in 1960. The statewide density was 67 per square mile, ranging from 17 in Carroll County to 200 in urban Hillsborough County. Urban sprawl in the southeast is an outgrowth of the Lawrence-Haverill complex along the Merrimac River in Massachusetts.

Manufacturing is the leading source of income, with recreation income ranking second. Estimated tourist expenditures in 1960 were \$200 million. The increasing number of out-of-State skiers is a factor adding to recreation income and assisting in spreading the recreation dollar over the entire year.

Completion of the Interstate System will place New Hampshire within a day's drive of the most heavily populated section of the Nation.

The White Mountains, streams, lakes and ponds, seashore and offshore coastal islands, a unique inland salt-water estuary, and a variety of wildlife—combined with a climate conducive to outdoor activities—make up the recreation resources of the State. The State is a favorite summer place for people in the eastern metropolitan areas. Winter sports activity has grown to major significance.

The State contains many historic sites associated with its development as one of the Thirteen American Colonies and with American Revolution events. The Macphedris-Warner House in Portsmouth and the

Franklin Pierce Homestead possess exceptional value in commemorating the history of the United States.

EXISTING PUBLIC AREAS

NATIONAL: The Forest Service administers 1 national forest of 629,013 acres in which there are 14 developed recreation areas. The Corps of Engineers operates four reservoirs totaling 10,104 acres.

STATE: The State Forestry and Recreation Commission has under its jurisdiction 58 park, recreation, and historic areas totaling 47,728 acres and having a 1960 attendance of 2,349,493; also 89 forest areas of 18,849 acres. The Fish and Game Department administers 1,700 acres in 9 refuges, and 4,244 acres in 12 game management areas. There are 175 wayside under the State Highway Department.

LOCAL: Belknap County administers the 1,000-acre Belknap Mountain Recreation Area.

QUASI-PUBLIC AND PRIVATE: Fifty-eight miles of the Appalachian Trail are in New Hampshire. Three historic monuments, two scientific monuments, and one nature preserve are open to the public.

PRIVATE ENTERPRISE: Private enterprise plays a major role in providing outdoor recreation facilities, including (in addition to motels, hotels, inns, tourist homes, and housekeeping cabins) such facilities as private campgrounds, organized summer camps for children, boat marinas, ski areas, hunting and fishing camps, and an outstanding private scenic road—the Mount Washington Toll Road. Several geologic,



Charming old New England village scenes, typified by this one of Hebron, N.H., need conservation and protection through co-operative planning programs undertaken by State and local authorities.

NEW HAMPSHIRE PHOTOGRAPH BY DICK SMITH.

historic, and scientific areas are privately owned and open to the public. Some power companies provide recreation developments on their reservoirs.

PARK AND RELATED NEEDS

One pressing problem facing the State is that some of the best recreation resources are in danger of being engulfed by uncoordinated private development, and may lose those values that are attractive to out-of-State visitors. These resources deserve immediate attention while they still retain those values.

Also subject to improper exploitation are charming village and rural scenes for which New Hampshire, like its neighboring New England States, is famous. Preservation of this early New England atmosphere is important for esthetic, historic, and economic reasons, since it is a basic part of the State's attractiveness. To achieve such conservation, close cooperation and effective planning and programs by State and local authorities are in order, using such controls as zoning, easements, and regulation of outdoor advertising.

An immediate problem facing State officials is overuse of the present State park system. There is need for additional park and related areas; public access to, and scenic protection of, shorelines of natural lakes and large rivers; enlargement of mountain, seashore, bay, and beach facilities; acquisition of unique scientific and biological areas; preservation of free-flowing streams; and additional winter sports facilities. The State's new bond issue authorization will help to advance such programs. Further work is needed on development of an interpretive program for the State park system. Recent legislation will assist by providing additional funds for acquisition and development of new areas as well as expansion of existing facilities.

Existing State park and recreation areas contain 47,566 acres. Potential State acreage identified in this plan, if acquired, should meet the 1976 estimated demand.

It is estimated that around 8,900 acres in local non-urban areas should be provided by 1976. Further study is needed to identify potential local areas.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations, calling for vigorous action on the part of the agencies concerned, are offered to help provide needed outdoor recreation opportunities for public enjoyment and use.

NATIONAL: Possible establishment of a St. Gaudens National Historic Site. Further study of the New Hampshire portion of the suggested Appalachian Parkway.

STATE: Enlargement of the State park system to preserve significant resources by the addition of 15 parks and 1 recreation area, and further study on 3 parks. Study of two possible nature preserves. Designation and protection of five free-flowing streams.

Supporting recommendations include:

1. A comprehensive statewide archeological and historic sites survey leading toward the preservation and development of important remaining sites.
2. Acquisition of permanent easements for the Appalachian Trail.
3. Study of recreation opportunities during the initial planning and development of reservoir projects.

NEW HAMPSHIRE	Number on map	Acreage		Significant features									Type of use			Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Recreation areas:																													
Franklin Falls Reservoir.....	52N	3, 674	25	x										x				x							x	x			
Blackwater Reservoir.....	66N	3, 552		x										x				x	x		x				x	x			
Edward MacDowell Reservoir.....	84N	1, 190	100	x										x				x			x				x	x			
Surry Mountain Reservoir.....	91N	1, 688	240	x										x				x											
Forest: White Mountains National Forest (New Hampshire portion).....	29N	677, 660	S	x	x	x	x			x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Wilderness: Great Gulf Wild Area (4).....	20N	5, 400					x			x	x		x	x					x							x			
STATE																													
Parks:																													
Connecticut Lakes State Park.....	3S	1, 548	M	A			x			x				x			x	x		x	x	x							
Coleman State Park.....	9S	1, 253	53	x			x			x				x				x											
Androscoggin Wayside Area.....	12S	5				x	x							x				x	x										
Dixville Notch Wayside Area.....	15S	137					x			x				x	x			x	x	x									
Milan Hill State Park.....	16S	127					x			x				x				x		x									
Mount Prospect State Park.....	17S	430					x			x				x				x											
Fred A. Gardner Wayside Area.....	19S	8					x							x				x	x										
Crawford Notch State Park.....	24S	5, 950				x	x			x				x	x			x	x		x		x						
Echo Lake State Park.....	27S	396	S	x			x			x				x				x	x				x						
Fay Wayside Area.....	28S	211					x			x				x				x											
Franconia Notch State Park.....	30S	6, 635	43	x			x			x				x	x		x	x	x	x	x		x	x		x	x		
Belknap Mountain Reservation (5).....	44S	545					x			x				x				x											
Cardigan State Park.....	50S	5, 525					x			x				x	x			x	x										
Winslow Site State Park.....	54S	2, 918					x			x				x	x			x	x	x						x			
Rollins State Park.....	55S	118					x			x				x	x			x	x	x									
Honey Brook Wayside Area.....	58S	975				x	x							x				x											
Pillsbury State Park.....	59S	4, 002	S	x			x			x				x	x			x	x	x	x	x							
Pawtuckaway Reservation (5).....	64S	1, 384					x			x				x				x											
Miller State Park.....	82S	83					x			x				x				x											
Annett Wayside Area.....	85S	1, 360					x			x				x				x	x										
Monadnock State Park.....	86S	699					x			x				x	x				x	x	x								
Recreation areas:																													
Moose Brook State Park.....	18S	755				x	x			x				x	x		x	x	x	x	x		x						
Forest Lake State Park.....	21S	430	S	A			x			x				x				x					x						
White Lake State Park.....	36S	727	M	A			x			x				x	x	x		x	x	x	x	x	x	x					
Winnepesaukee State Park.....	39S	315	M	A			x							x	x			x		x	x	x	x						
Wentworth State Park.....	41S	17	M	A			x			x				x				x					x						
Ellacoya State Park.....	42S	54	L	A			x			x				x				x					x						
Wellington State Park.....	47S	105	M	A			x							x				x					x						
Wadleigh State Park.....	56S	52	M	A			x			x				x				x				x	x						
Mount Sunapee.....	57S	1, 805	M	A			x			x				x	x	x		x	x	x	x	x	x	x	x	x	x		
Bear Brook.....	62S	7, 428	S	x			x							x				x	x	x	x	x	x	x	x	x	x		
Fort Dearborn State Park (5).....	69S	137					x						x					x	x	x	x	x	x	x	x	x	x		
Wallis Sands Wayside Area.....	72S	2					x							x				x					x						
Rye Harbor State Park.....	73S	160					x							x				x					x						
Hampton Beach State Park.....	75S	50					x							x				x					x						
Kingston State Park.....	76S	44	S	A			x							x				x					x						
Silver Lake State Park.....	78S	80	S	A			x							x				x					x						
Greenfield State Park (5).....	83S	85	M	A			x			x				x				x											
Otter Brook State Park.....	90S	375	S	x		x	x			x				x				x				x							

See footnotes at end of table.

NEW HAMPSHIRE

NEW HAMPSHIRE	Number on map	Acreage		Significant features								Type of use				Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Monuments:																												
Scientific:																												
Beaver Brook	10S	4				x		x			x			x				x	x									
Humphrey's Ledge	26S	36												x														
Plummer's Ledge	32S	3												x														
Madison Boulder	35S	17												x	x				x									
Weldon Falls	37S	223						x						x	x													
Sculptured Rocks Wayside Area	49S	20												x	x				x									
Curtiss Dogwood	81S	14										x		x						x						x		
Rhododendron State Park	87S	294										x		x						x						x		
Chesterfield Gorge Wayside Area	92S	15												x					x	x								
Historic:																												
Daniel Webster Birthplace	53S	150											x		x													
Franklin Pierce Homestead (6)	60S	13											x		x													
Hannah Dustin Monument	67S	1											x		x													
Fort Constitution	70S	2											x		x													
Governor Wentworth Mansion	71S	6											x		x													
Canoe trail: Connecticut River	14S	240 mi.				x																						
MAJOR LOCAL																												
Recreation area: Belknap County Recreation Area . .	43L	1,000						x			x			x					x	x	x						x	
MAJOR QUASI-PUBLIC AND PRIVATE																												
Monuments:																												
Historic:																												
Covered Railroad Bridge	94P												x		x		x	x										
Dartmouth College	95P												x		x		x	x										
Phillips Exeter Academy	96P												x		x		x	x										
Scientific:																												
Lost River Reservation	31P	50										x		x	x					x								
Polar Caves	34P	30												x														
Nature preserve: Lewis Cabot Preserve	89P	400										x																
Foot trail: Appalachian Trail	23P	90 mi.																		x								
POTENTIAL AREAS																												
NATIONAL																												
Monument: Historic: St. Gaudens National Historic Site	94N	83											x		x		x	x										
Parkway: Appalachian (White Mountain portion) (3)	33N	58 mi.																										
STATE																												
Parks:																												
Connecticut Lakes Area	6S	1,000	M	A			x				x				x	x		x	x	x	x	x	x	x				
Umbagog Lake Region	11S	1,650	M	A			x				x				x			x	x	x	x	x	x	x				
Gardner Mountain Region	22S	1,000					x				x				x	x			x	x	x		x					
Ossipee Region	37S	1,000	M	A			x				x				x				x	x	x		x					
Squam Region	38S	1,000	M	A			x				x				x				x	x	x	x	x					
Lake Winnepesaukee	40S	10,000	L	A			x				x				x		x		x		x	x	x	x		x		
Winnisquam Region	45S	1,000	M	A			x				x				x				x		x	x	x	x				
Newfound Region	46S	1,000	M	A			x				x				x				x		x	x	x	x				

See footnotes at end of table.

NEW HAMPSHIRE

POTENTIAL AREAS—Continued																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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- (1) Where acreage is not shown:
 "S" indicates water surface under 500 acres.
 "M" indicates water surface of 500 to 10,000 acres.
 "L" indicates water surface over 10,000 acres.
- (2) An "A" indicates all or major portions of water surface acreage is adjacent to area.
- (3) Suggested area—qualifications undetermined. Further study required.
- (4) Included in national forest acreage.
- (5) Undeveloped area.
- (6) Eligible for Registered National Historic Landmark status.



Isle-studded Lake Winnepesaukee, New Hampshire's largest lake, where a State park is recommended.

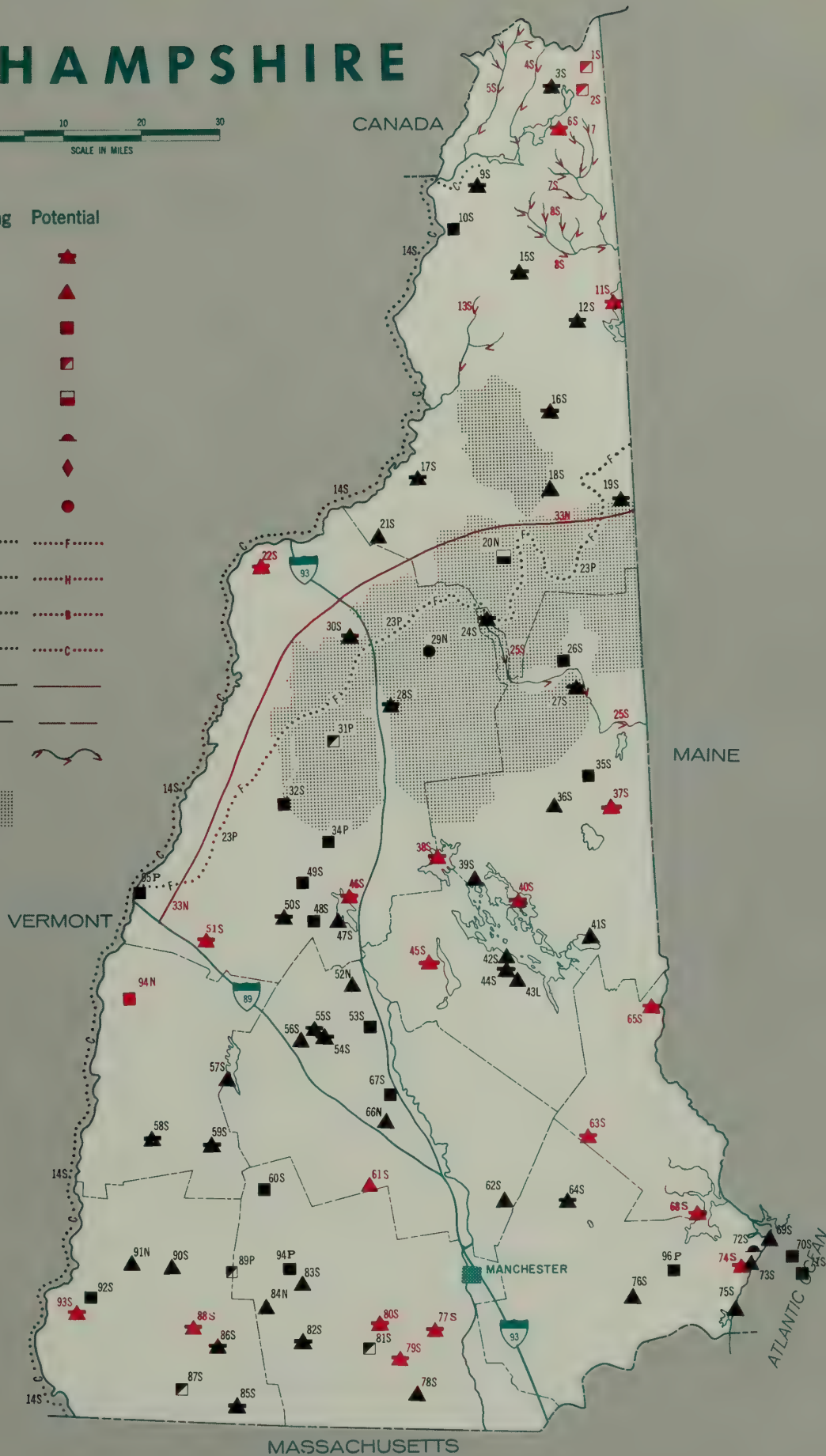
U.S. FOREST SERVICE.

NEW HAMPSHIRE



Existing Potential

Park	★	★
Recreation Area , Etc.	▲	▲
Monument	■	■
Nature Preserve	◼	◼
Wilderness	▨	▨
Beach	⬇	⬇
Wildlife Area	◆	◆
Forest	●	●
Foot Trail	.....F.....	.....F.....
Horse Trail	.....H.....	.....H.....
Bicycle Trail	.....B.....	.....B.....
Canoe Trail	.....C.....	.....C.....
Parkway	—————	—————
Scenic Route	- - - - -	- - - - -
Free-flowing Stream	~~~~~	~~~~~
NATIONAL FOREST	▨	▨



NEW JERSEY

NEW JERSEY offers rugged hills and a long stretch of ocean shoreline that attracts millions of visitors each year. A representative number of the diversified recreation resources are in public and quasi-public ownership, but additional areas are needed to meet growing demands.

New Jersey has the second highest population density of the United States—an average of 806 per square mile in 1960. An exploding population in the last decade brought the 1960 census to 6,066,782. Eighty-eight percent live in urban areas. By 1976 an estimated 8,013,000 persons will reside in this State.

The tourist industry had an estimated value in excess of \$600 million in 1960, ranking it third in the State's economy. Two counties on the coast regard the travel and vacation industry as their principal economic base. The Jersey shore ocean beaches are national targets, serving visitors from all States.

The ocean beaches, inlets, and rivers constitute the major recreation resources. Outdoor enjoyment is enhanced by a mild summer climate that draws a vast number of visitors to seashore and mountain areas. Winter sports are important in the Northern Appalachian Highlands. Lakes, swift-flowing streams, and scenic trails are noteworthy in this region. Fresh- and salt-water fishing is a favorite outdoor activity, as is upland game and deer hunting. The historical heritage is significant, with sites associated with the revolutionary and colonial themes. Four sites not in the National Park System are eligible for Registered National Historic Landmark status.

EXISTING PUBLIC AREAS

NATIONAL: Two monuments totaling 973 acres are

administered by the National Park Service. The 1960 attendance was 528,300. The Bureau of Sport Fisheries and Wildlife manages three national wildlife refuges with 14,851 acres.

STATE: The Department of Conservation and Economic Development, Forests and Parks Section, administers 20 park areas, totaling 20,987 acres; 18 historic sites with 661 acres; and 12 forest areas with 162,516 acres. The 1960 attendance was 4,800,374. The Division of Fish and Game has public shooting and hunting areas totaling 88,000 acres. The Highway Department has 25 waysides.

LOCAL: There are approximately 112 local areas totaling 23,704 acres.

QUASI-PUBLIC AND PRIVATE: There are approximately 48 miles of the Appalachian Trail, a 135-acre nature preserve, and three historic monuments.

PRIVATE ENTERPRISE: The greater share of the day, weekend, and vacation recreation facilities are provided by private enterprise. The tourist industry is widespread and well developed.

PARK AND RELATED NEEDS

Of paramount importance is the need to reserve seashore areas. The high-density, fast-growing population points up the urgency of expanding the metropolitan and county park systems. Most State park areas are relatively undeveloped, and additional parks



A 33-mile-long reservoir is authorized for the Delaware River Valley in New Jersey and Pennsylvania, above the Delaware Water Gap. Tocks Island National Recreation Area, proposed for the site, would be readily accessible to 15 percent of the U.S. population.

are needed. Plans should be devised by State and local governments to control land use.

In addition to parks and related areas as such, zoning is needed to preserve horse, foot, and canoe trails. Further study is needed on preserving free-flowing streams. Historic sites need further development.

The "New Jersey Green Acres Bond Act of 1961," authorizing a \$60 million bonding program for acquisition of recreation and conservation lands, will do much to advance State and local park and recreation programs.

For the present population of over 6 million, there are only 30,232 acres in State areas and 19,902 acres in local nonurban areas. Potential areas identified in this plan total 48,988 acres judged of State significance and 6,800 of local. Even if these areas are acquired and developed, they will not meet the anticipated needs by 1976.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and

map. If the following recommendations are implemented by vigorous action on the part of the agencies concerned, they may help to provide the additional outdoor recreation opportunities needed for public health and enjoyment.

NATIONAL: Establishment of the proposed Tocks Island Reservoir as a national recreation area, and cooperative study of an Appalachian Parkway, a portion of which would pass through New Jersey.

STATE: Expansion of the State park system to preserve valuable resources found in 8 potential park areas and 11 recreation areas. Designation and protection of certain free-flowing streams in their natural condition, such as the Mullica, Wading, and Batsto Rivers. Expansion and provision of easements for the existing systems of foot, horse, and canoe trails. Expansion of nature preserves within the State.

LOCAL: Acquire and develop additional county and metropolitan parks to help meet recreation needs. Establish parks in counties where such facilities are lacking.

Supporting recommendations include:

1. Inclusion of new wayside areas and protection of

existing areas from excessive commercial development in highway program planning.

2. Development of a State land-use plan, aimed at coordinating State and local agencies in their planning endeavors for future park lands.
3. Continuation and early completion of the historic site and archeological survey.



Lake Waywayanda, a potential State park area in northern New Jersey.

NEW JERSEY	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Monuments: Historic:																												
Edison National Historic Site.....	23N	15										x		x	x	x	x											
Morristown National Historical Park.....	24N	958										x		x	x	x	x											
Wildlife areas:																												
Troy Meadows National Wildlife Refuge.....	25N	1,089				x					x			x	x	x	x						x		x			
Killcohook National Wildlife Refuge.....	77N	907				x					x			x			x						x		x			
Brigantine National Wildlife Refuge.....	81N	12,855				x					x			x	x	x	x					x	x	x		x		
STATE																												
Parks:																												
High Point State Park.....	1S	10,935	79	x				x			x	x		x	x	x	x	x	x	x	x	x	x		x			
Cranberry Lake State Park.....	13S	245	192	A				x						x					x			x			x			
Musconetcong State Park.....	14S	343	315	A				x						x								x	x	x		x		
Farny State Park.....	15S	803					x							x					x				x			x		
Palisades Interstate Park.....	19S	1,900				x		x			x	x	x		x			x	x	x		x	x	x		x		
Hacklebarney State Park.....	26S	193						x						x	x			x	x							x		
Allaire State Park.....	59S	1,277											x		x			x	x	x						x		
Mount Laurel State Park.....	67S	20											x		x				x	x								
Island Beach State Park.....	71S	2,200	5	x			x					x		x		x	x	x	x	x		x	x	x		x		
Fort Mott State Park.....	78S	104	2	x		x						x		x				x	x	x		x	x	x		x		
Recreation areas:																												
Swartswood State Park.....	9S	704	519	A				x						x			x	x	x		x	x	x		x			
Hopatcong State Park.....	28S	112	11	x										x		x	x	x	x	x		x	x	x		x		
Stephens State Park.....	29S	237				x								x				x	x		x	x	x		x			
Voorhees State Park.....	34S	429						x						x				x	x							x		
Cheesquake State Park.....	51S	962	8	x										x			x	x	x		x	x	x		x			
Washington Crossing State Park (5).....	55S	372				x							x		x		x	x	x		x	x	x		x			
Barnegat Lighthouse State Park.....	72S	17					x					x	x		x			x	x			x	x	x		x		
Parvin State Park.....	80S	1,025	107	x				x						x	x		x	x	x	x	x	x	x		x			
Monuments: Historic:																												
Ringwood Manor State Park.....	7S	579										x		x			x	x								x		
Von Steuben House.....	18S	1										x		x			x											
Grover Cleveland Birthplace.....	21S	2.1										x		x			x											
Oxford Furnace.....	32S	.6										x		x			x											
Boudinot Mansion.....	37S	.4										x		x			x											
Wallace House.....	40S	1.5										x		x			x											
Old Dutch Parsonage.....	41S	.5										x		x			x											
Rockingham.....	49S	2										x		x			x											
Princeton Battlefield (5).....	54S	40										x		x			x											
Trenton Battle Monument.....	57S	.1										x		x			x											
Monmouth Battle Monument (5).....	58S	3.2										x		x			x											
Veterans' All Wars Memorial.....	63S	.2										x		x			x											
Lawrence House.....	64S	.2										x		x			x											
Walt Whitman House.....	66S	.1										x		x			x											
Indian King Tavern.....	68S	0.2										x		x			x											
Carranza Memorial.....	73S	10										x		x			x											
Hancock House.....	79S	1.3										x		x			x											
Somers Mansion.....	83S	0.4										x		x			x											
Wilderness: Worthington Tract.....	10S	6,200	42	x				x			x	x		x	x	x		x	x	x	x			x	x		x	
Forests:																												
Lebanon State Forest.....	70S	22,185	70	x				x			x	x		x	x			x	x	x	x	x	x	x	x			
Wharton Tract.....	74S	94,776	535	x				x			x			x				x				x	x	x		x		
Canoe trail: Delaware-Raritan Canal.....	47S	1,511				x								x				x				x	x	x				

See footnotes at end of table.

NEW JERSEY	Number on map	Acreage		Significant features									Type of use				Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
MAJOR LOCAL																												
Recreation areas:																												
Passaic County Parks (6 areas)	16L	1, 076												x				x	x									
Bergen County Parks (13 areas)	17L	3, 018												x				x	x									
Hudson County Parks (7 areas)	20L	625												x				x	x									
Essex County Parks (21 areas)	22L	4, 409												x				x	x									
Morris County Parks (6 areas)	27L	2, 055												x				x	x									
Union County Parks (14 areas)	38L	4, 168												x				x	x	x	x	x	x		x	x		
Somerset County Parks (3 areas)	45L	650												x				x	x									
Middlesex County Parks (5 areas)	50L	912												x				x	x									
Mercer County Parks (6 areas)	56L	522												x				x	x									
Ocean County Parks (6 areas)	62L	332												x				x	x									
Camden County Parks (16 areas)	69L	2, 000												x				x	x									
MAJOR QUASI-PUBLIC AND PRIVATE																												
Monuments: Historic:																												
Nassau Hall, Princeton University	90P											x		x		x	x											
Monmouth Battlefield	91P											x		x		x	x											
Walt Whitman House	92P											x		x		x	x											
Nature preserve: William L. Hutcheson Memorial Forest	46P	135					x				x			x					x							x		
Foot trail: Appalachian Trail (New Jersey portion)	4P	48 mi.					x				x	x		x	x			x	x	x			x		x			
POTENTIAL AREAS																												
NATIONAL																												
Recreation area: Tocks Island	3N	44, 210	12, 250	x			x				x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Parkway: Appalachian (New Jersey portion) (3)	5N	58 mi.					x				x			x	x			x	x						x			
STATE																												
Parks:																												
Waywayanda Lake	6S	10, 000	225	x			x				x	x		x	x	x	x	x	x	x	x	x	x		x			
Cat Swamp	30S	800	300	A							x			x					x	x		x	x	x		x		
Raritan Arsenal	76S	3, 500				x					x			x				x	x		x	x	x		x			
Absecon Inlet	82S	600				x					x			x				x			x	x	x		x			
Seven Mile Beach	85S	360				x					x			x	x	x	x	x	x		x	x	x		x			
North Hereford Inlet	86S	50				x					x			x				x	x		x	x	x		x			
Cox Hall Creek	87S	200				x					x			x				x			x	x	x		x			
West Cape May Beach	89S	200				x					x			x				x			x	x	x		x			
Recreation areas:																												
Paulina Reservoir	11S	3, 775	1, 650	x			x							x	x	x	x	x	x	x	x	x	x		x			
Allamuchy Mountain	12S	10, 000	1, 200	x			x				x			x	x	x	x	x	x	x	x	x	x		x			x
Pequest Reservoir	31S	3, 000	1, 400	x			x							x	x	x	x	x	x	x	x	x	x		x			
New Hampton Reservoir	33S	3, 450	1, 800	x			x				x			x	x	x	x	x	x	x	x	x	x		x			
Ravine Lake	35S	1, 950	S	x			x							x				x			x	x	x		x			
Spruce Run Reservoir	43S	1, 290	S	x			x							x				x	x	x	x	x	x		x			
Round Valley Reservoir	44S	5, 870	S	x			x				x			x				x	x		x	x	x		x			
Conoshonk Point	52S	267					x							x				x			x	x	x		x			
Sandy Hook (4)	53S	1, 676					x		x			x		x	x	x	x	x	x	x	x	x	x		x			
National Guard Beach	60S	300					x							x				x	x		x	x	x		x			
Corsons Inlet	84S	100					x							x				x	x		x	x	x		x			

NEW JERSEY	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Nature preserve: Higbee Beach.....	88S	1, 600					x					x			x				x	x							x	
Free-flowing stream: Mullica-Wading-Batsto-Nocote Rivers (3).....	75S	135 mi.					x		x			x	x	x		x	x	x	x	x		x	x	x		x		x
Canoe trails:																												
Delaware River (3).....	2S	145 mi.					x		x			x	x			x	x	x	x	x		x	x	x		x		
Ramapo-Pompton River (3).....	8S	25 mi.					x									x						x	x	x		x		
Passaic River (3).....	36S	65 mi.					x									x				x		x	x	x		x		
Toms River (3).....	61S	16 mi.					x									x						x	x	x		x		
Rancocas Creek (3).....	65S	20 mi.					x									x						x	x	x		x		
LOCAL																												
Parks:																												
Dead River (3).....	39L	1, 650					x		x			x			x				x	x		x		x		x		
Watchung Mountain (3).....	42L	1, 450							x			x	x			x				x						x		
Millstone Valley (3).....	48L	3, 700					x		x			x			x				x	x		x		x		x		

- (1) Where acreage is not shown: "S" indicates water surface under 500 acres.
(2) An "A" indicates all or major portions of water surface acreage is adjacent to area.
(3) Suggested area—qualifications not wholly determined. Further study aquired.
(4) New Jersey has leased 460 acres from U.S. Army for recreation use.
(5) Eligible for Registered National Historic Landmark status.

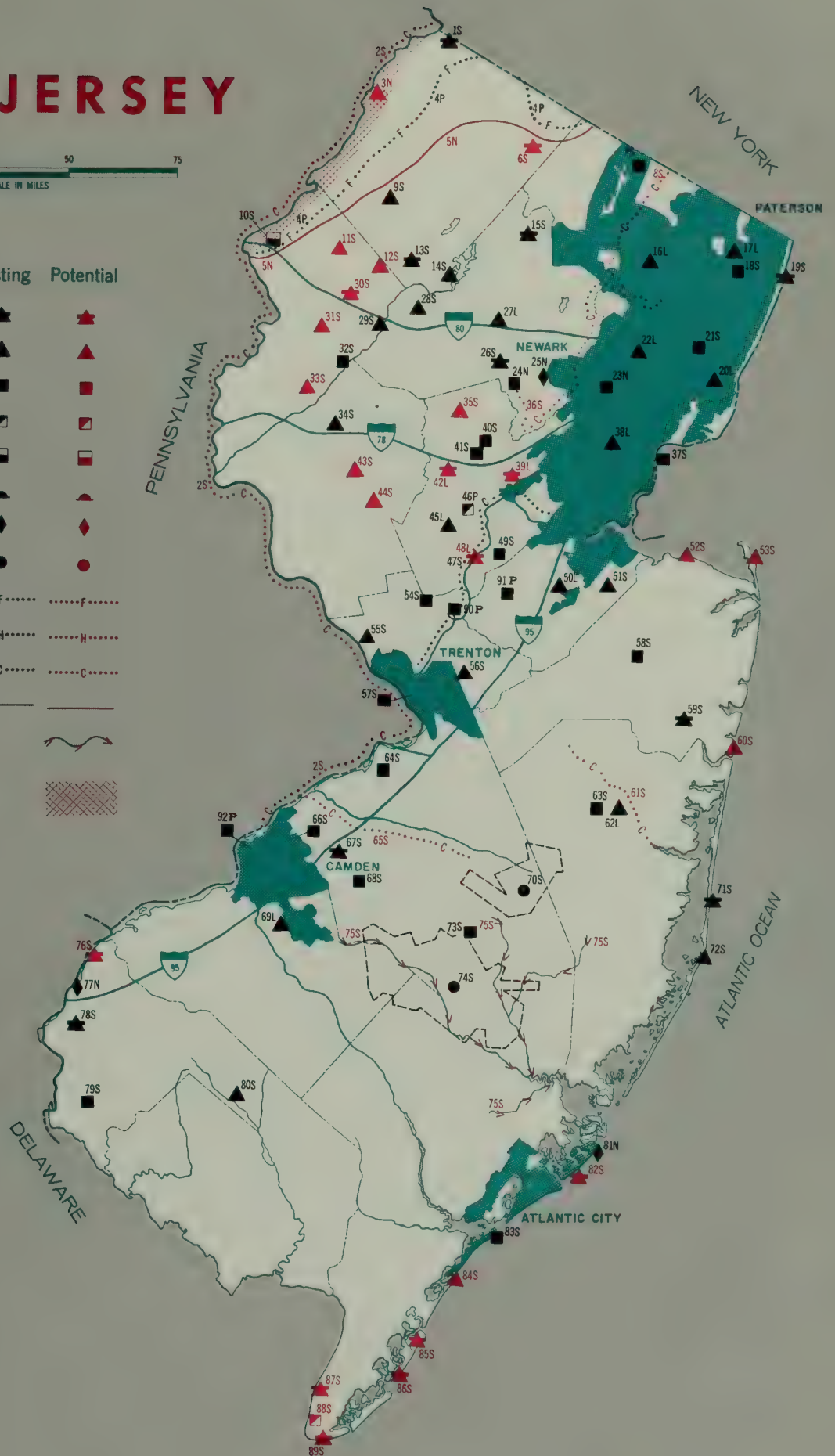


Sandy Hook, now an Army site, represents an important potential recreation area for New Jersey. The State now leases 460 acres there for public recreation use.

NEW JERSEY



	Existing	Potential
Park	★	★
Recreation Area , Etc.	▲	▲
Monument	■	■
Nature Preserve	▣	▣
Wilderness	▤	▤
Beach	⬤	⬤
Wildlife Area	◆	◆
Forest	●	●
Foot Trail	.....F.....	.....F.....
Horse Trail	.....H.....	.....H.....
Canoe Trail	.....C.....	.....C.....
Parkway	—	—
Free-flowing Stream	~~~~~	~~~~~
NATIONAL PARK	▨	▨



NEW YORK

NEW YORK has varied and abundant natural resources sufficient to fill a portion of the recreation needs of the eastern seaboard "megapolis."

In the decade 1950-60, New York experienced a population growth of over 950,000. Urban population, in 1960, was in excess of 85 percent of the total. Density ranges from about 2 per square mile in Hamilton County in the Adirondacks to 77,195 in New York County. Six counties in the New York metropolitan region contain almost 58 percent of the total State population on some 2 percent of the land area of the State. Projections indicate that State population will increase from 16,782,304 in 1960 to 19,859,000 by 1976.

The tourist and vacation industry in New York is one of the three top-ranking sources of income in the State. Tourist expenditures in 1960 are estimated at \$2.6 million. This figure includes expenditures by tourists for urban types of recreation. Expenditure figures for nonurban recreation activities are not available but are believed to be substantial.

The State has long been aware of the importance of providing a fast, safe highway system. This has resulted in a system of high-caliber roads. The Interstate Highway System, as proposed, will provide fast access from the highly populated areas to the recreation resources of the State.

Mountains, forests, lakes, and rivers abound throughout the State. To the south and east are the Atlantic Ocean, Long Island Sound, the Hudson River, Lake George and Lake Champlain; to the north and west, the St. Lawrence River with the Thousand Islands region, Lake Ontario, the Niagara River, Niagara Falls, and Lake Erie. In between are the Finger

Lakes region, the Catskill Mountains, the Mohawk River Valley, and the Adirondack Mountains.

Winter sports, particularly skiing, are almost as important as summertime activities. Hunting and fishing offer important recreation opportunities for residents and out-of-State visitors.

EXISTING PUBLIC AREAS

NATIONAL: The National Park Service administers nine historic areas totaling 2,820 acres. Visitation in 1960 was 1,310,000. Four national wildlife refuges of 10,118 acres are administered by the Bureau of Sport Fisheries and Wildlife.

STATE: The Division of State Parks administers 91 State parks totaling 185,231 acres and 26 historic sites with a total of 829 acres. The combined 1960 visitation was 31,073,757. The Adirondack and Catskill Forest Preserves, plus four other areas, with a combined total acreage of 2,521,289, are administered by the Division of Lands and Forests. These 6 areas include 42 developed recreation sites. Visitation in 1960 was 2,965,942. The division also administers 565,695 acres in reforestation projects. The Division of Fish and Game administers 34 game management areas totaling 103,762 acres. There are some 90 waysides under the Department of Highways.

LOCAL: County park authorities administer over 23,783 acres in some 31 nonurban parks, and 1 historic monument is in local public ownership.

QUASI-PUBLIC AND PRIVATE: Fifteen natural areas, totaling 4,392 acres, and 16 historic monuments are preserved by quasi-public and private interests.



Elk Lake, N.Y., exemplifies the unspoiled beauty of the Adirondack Forest Preserve, a million-acre reservation, much of which is protected as wilderness by New York's constitution. Such wilderness recreation resources are becoming very rare in the East.

PRIVATE ENTERPRISE: Private recreation facilities are important to vacationers in some parts of the State, particularly in the north. Cabins, lodges, boat rental, guide services, group camps, etc., are usually privately owned and operated.

PARK AND RELATED NEEDS

The need for recreation in New York State is centered upon the New York City metropolitan region, with smaller focal points at other population centers. It is a familiar problem in that much of the State's recreation resources is not close or immediately available to the urban areas that need them most. The suitable open lands remaining near these urban areas must be acquired quickly by appropriate public agencies before they disappear under pressure of private development and increasing population.

These factors will make it unnecessary to jeopardize New York's wealth of protected wilderness, which can provide other types of outdoor recreation to an extent now seldom found in the East. Thus, estimates of the State's mass recreation land requirements need only take into limited account the present acreage in the Adirondack and Catskill preserves, vast though it be. The more accessible portions could continue, as they do now with the extensive campsite facilities, to play a part in more diversified recreation as population

pressures increase and as studies and legislation now under consideration are further developed. However, the State will undoubtedly continue, under constitutional limits, to exercise caution and judgment in the use of New York's wildlands for intensive recreation.

Existing State park areas now provide some 191,900 acres and local nonurban parks some 23,800 acres for the State's nearly 17 million people.

The principal needs are (1) additional lands for State parks and mass recreation within day-use distance of "areas of deficiency"; (2) areas for camping throughout the State; (3) mixed-use areas for the long-term future; and (4) miscellaneous needs such as boat launching sites and wetland preservation.

Also needed urgently is more land for local parks near cities, especially in the big suburban towns and counties where population growth concentrates at the expense of remaining land.

The first stage of this need is now well underway with the \$75 million parkland bond issue. Under a \$20 million allocation for State parks, 15 new parks and 35 substantial additions to existing parks aggregating about 30,000 acres are being acquired. A similar allocation of \$15 million is providing valuable additions to State preserves, reforestation areas, game areas, boat-launching sites, wetlands, fishing streams, and multiple-purpose areas. The remaining \$40 million has been allocated for grants to municipalities to acquire additional local parkland, with the State paying 75 percent of the cost of the land.

All of these programs are moving rapidly—some of them past the halfway point—and a supplemental bond issue of \$25 million was approved in the 1962 general election.

Planning and development will continue as needed, but the State has taken and is progressing rapidly with the first and most essential step in providing for recreation needs, the setting aside of sufficient land.

RECOMMENDATIONS

Existing recreation resources, as well as 12,247 acres of potential areas of State significance, are shown on the accompanying tabulation and map. No potential local nonurban parks have been identified. The following recommendations are offered:

NATIONAL: Establishment of Hamilton Grange National Memorial as authorized by Congress.

Consideration of an Appalachian Parkway as an extension of the Blue Ridge Parkway and Skyline Drive. A study to determine feasibility of an Ohio River-Allegheny River Parkway. A Fire Island National Seashore, including Fire Island and other seashore areas on Long Island, has been recommended since preparation of the map and tabulation that follow.

STATE: Development of the Allegheny River Reservoir as a regional recreation area. Preservation of the Ausable River as a free-flowing stream.

Supporting recommendations include—

1. Expansion of the State park system to insure preservation of important remaining areas. Acquisition by appropriate agencies of land for nature preserves, wildlife refuges, and historical preservation. Studies to locate such areas on Long Island and in

southeastern New York should be undertaken as soon as possible.

2. Lakes and seashores, rivers, and streams should be freed of pollution and, where feasible, protected either by acquisition, scenic easements, or zoning. Systems of marina developments in conjunction with recreation waterways, Great Lakes shorelines, and Long Island Sound should be considered.
3. Free-flowing streams such as the Ausable River should be preserved in their natural condition and canoe routes developed on suitable streams. Highways through scenic areas should be developed as recreation roads, and scenery should be protected along highways, particularly those leading into vacation regions.
4. Reforestation projects should be expanded and, where feasible, developed for intensive day use and weekend recreation.



President Theodore Roosevelt's personality and stature as outdoorsman, conservationist, statesman is felt in the living room at his Sagamore Hill home on Long Island, recently established as a national historic site.

See footnotes at end of table.

NEW YORK	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Parks—Continued																												
Lewiston Heights State Park.....	89S	9				x								x				x										
Whirlpool State Park.....	90S	126				x								x	x			x	x								x	
Devil's Hole State Park.....	91S	42				x								x	x			x	x								x	
Buckhorn Island State Park.....	92S	896				x						x		x				x	x			x					x	
Niagara Reservation.....	93S	431				x								x	x			x	x			x					x	
Beaver Island State Park (6).....	94S	740				x								x				x	x	x		x	x	x		x	x	
Evangola State Park (6).....	96S	515					x							x				x	x			x	x	x			x	
Lake Erie State Park.....	97S	355					x							x	x	x		x	x	x		x	x	x				
Long Point on Lake Chautaugua Sate Park (6)...	98S	243	L	A										x	x			x	x			x	x	x				
Allegany State Park (6).....	102S	58,420	112	x		x		x			x			x		x	x	x	x	x	x	x	x	x		x	x	
Cuba Reservation.....	104S	650	500	x										x				x	x			x	x	x				
Letchworth State Park (6).....	106S	13,355				x								x	x	x		x	x	x		x	x	x		x		
Stony Brook State Park.....	109S	554				x								x	x	x		x	x	x		x				x		
Newtown Battlefield Reservation.....	113S	330				x							x		x	x		x	x	x	x	x	x	x				
Watkins Glen State Park.....	114S	605				x								x	x			x	x	x		x				x		
Robert H. Treman State Park.....	115S	989				x		x					x	x	x	x		x	x	x		x	x	x		x		
Buttermilk Falls State Park.....	116S	675	S	x	x	x					x			x	x	x	x	x	x	x		x	x	x		x		
Taughannock Falls State Park (6).....	117S	535	L	A		x								x	x	x		x	x	x	x	x	x	x		x		
Fillmore Glen State Park.....	118S	857				x		x						x	x	x		x	x	x		x	x	x		x		
Chenango Valley State Park (6).....	119S	928	M	x										x	x			x	x	x	x	x	x	x				
Bowman Lake Public Campsite (8).....	120S	200	35	x				x						x	x			x	x	x	x	x	x	x				
Catskill Forest Preserve (6) (7).....	124S	235,262	M	x	x			x			x			x	x	x		x	x	x	x	x	x	x		x		
Lake Taghkanic State Park (6).....	126S	1,002	255	x										x	x			x	x	x	x	x	x	x				
Taconic State Park (6).....	127S	6,200	12	x	x			x			x			x	x			x	x	x		x	x	x		x		
Rudd Pond State Park.....	128S	210	65	A										x	x			x	x	x		x	x	x				
Ogden and Ruth Mills Memorial State Park.....	130S	296				x							x		x			x	x							x		
Margaret Lewis Norrie State Park.....	131S	323				x								x	x			x	x	x	x	x				x		
James Baird State Park.....	135S	583												x				x	x			x						
Clarence Fahnestock Memorial State Park (6)...	139S	3,400	163	x										x	x			x	x	x	x	x	x	x		x		
Storm King State Park (6).....	143S	1,092				x						x		x	x			x	x							x		
Bear Mountain State Park (6).....	144S	4,871	M	x				x			x			x	x	x	x	x	x	x	x	x	x	x		x	x	
Stoney Point Battle Reservation (70).....	145S	45				x							x		x			x	x									
Hunter Brook State Park.....	146S	14												x				x	x									
Mohansic State Park.....	147S	609	100	x										x				x	x			x	x	x				
Kitchawan Picnic Woods.....	150S	20												x				x										
Echo Lake Picnic Woods.....	153S	64	7	x										x				x	x						x			
High Tor State Park (6).....	154S	491				x							x		x			x	x							x		
Haverstraw State Park.....	155S	73				x								x				x	x							x		
Harriman State Park (6).....	156S	40,521	M	x				x			x			x	x	x	x	x	x	x	x	x	x	x		x	x	
Rockland Lake State Park (6).....	157S	770	S	x										x				x	x			x	x	x				
Hook Mountain State Park.....	158S	661				x		x			x			x				x	x	x								
Nyack State Park.....	159S	61				x								x				x	x									
Blauvelt State Park (6).....	160S	536						x			x			x				x	x					x				x
Tallman Mountain State Park (6).....	161S	634				x								x				x	x					x				
Caumsett State Park (6).....	168S	1,426						x						x	x			x	x			x	x					
Sunken Meadow State Park (6).....	170S	2,101						x						x				x	x					x	x			
Wildwood State Park (6).....	171S	775						x	x					x	x	x		x	x	x				x				
Orient Beach State Park.....	172S	1,213						x						x				x	x					x	x			
Hither Hills State Park.....	174S	3,186						x						x	x	x		x	x	x				x	x			
Montauk Point State Park (6).....	175S	484						x					x		x			x	x							x		
Bayard Cutting Arboretum.....	181S	641												x													x	
Heckscher State Park (6).....	182S	2,024						x						x				x	x					x	x			
Captree State Park.....	184S	348						x						x				x	x					x	x			

See footnotes at end of table.

NEW YORK

NEW YORK	Number on map	Acreage		Significant features										Type of use				Activities										
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Parks—Continued																												
Fire Island State Park	185S	3,488					x								x				x	x		x	x	x				
Belmont Lake State Park (6)	186S	399	M	A											x				x	x		x	x	x			x	
Gilgo State Park	187S	2,118					x								x				x	x			x	x				
Massapequa State Park (9)	189S	596													x				x	x								
Bethpage State Park	190S	1,520						x							x				x	x							x	
Meadow Brook State Park	192S	460													x				x	x								
Jones Beach State Park	193S	4,373					x								x				x	x		x	x	x				
Hempstead Lake State Park	194S	867	M	A											x				x	x							x	
Valley Stream State Park	195S	96					x	x							x				x	x								
Monuments: Historic:																												
John Brown Farm	9S	160										x		x														
Sackets Harbor Battlefield	29S	6										x		x														
Fort Ontario Historic Site	32S	20										x		x														
Fort Brewerton Historic Site	36S	1										x		x														
Oriskany Battlefield Historic Site	39S	5										x		x														
Steuben Cabin Historic Site	40S	50										x		x														
Crown Point Reservation (10)	48S	113					x					x		x	x		x	x	x	x	x	x	x	x				
Lake George Battleground State Park	52S	35	L	A								x		x														
Grant Cottage Historic Site	53S	1										x		x														
Saratoga Battle Monument Historic Site	54S	3										x		x														
Bennington Battlefield Historic Site (10)	56S	171										x		x														
Fort Crailo Historic Site (10)	58S	7										x		x														
Schuyler Mansion Historic Site	60S	1										x		x														
Guy Park Manor Historic Site	63S	1										x		x														
Johnson Hall Historic Site	64S	18										x		x														
Herkimer Home Historic Site	65S	143										x		x														
Boyd-Parker Memorial Historic Site	107S	4										x		x														
Sullivan Monument Historic Site	108S											x		x														
Senate House Historic Site	125S	1										x		x														
Clinton House Historic Site	134S	1										x		x														
Washington's Headquarters Historic Site (10)	140S	6										x		x														
Temple Hill Historic Site	141S											x		x														
Knox Headquarters Historic Site	142S	50										x		x														
John Jay House Historic Site	148S	30										x		x														
Philipse Manor Historic Site (10)	162S	1										x		x														
Walt Whitman House Historic Site	169S	1										x		x														
Forest: Reforestation Projects (6)	4S	565,695	M	x		x		x		x					x	x			x	x	x	x	x	x				
Foot trail: Northville-Lake Placid Trail	10S	110 mi.	M	A		x		x		x		x	x		x	x	x		x	x	x		x	x		x	x	
Canoe trails:																												
Grass River	3S	50 mi.			x		x		x			x			x	x	x		x		x	x	x	x		x		
Saranac Lakes	6S	25 mi.	L	x		x		x		x		x	x		x	x	x		x		x	x	x	x		x		
Saranac River	7S	30 mi.	M	x		x		x		x		x	x		x	x	x		x		x	x	x	x		x		
Tupper, Long, Forked, Raquette, and Fulton Chain Lakes	11S	65 mi.	L	x		x		x		x		x	x		x	x	x		x		x	x	x	x		x		
Cranberry Lake	12S	15 mi.	L	x				x		x		x	x		x	x	x		x		x	x	x	x		x		
West Branch Oswegatchie River	13S	25 mi.				x		x		x		x	x		x	x	x		x		x	x	x	x		x		
Oswegatchie River	14S	50 mi.				x		x		x		x			x	x			x		x	x	x	x		x		
Indian River and Black Lake	15S	60 mi.	L	x		x		x		x		x			x	x			x		x	x	x	x		x		
Barge Canal to Oswego	35S	20 mi.				x									x				x		x	x						
Mohawk River and Barge Canal	37S	325 mi.	L	x		x		x		x		x	x		x	x	x		x		x	x	x	x		x		
Black River	41S	50 mi.				x		x		x		x	x		x	x	x		x		x	x	x	x		x		
Hinckley Reservoir	42S	20 mi.	M	A		x		x		x		x	x		x	x	x		x		x	x	x	x		x		
Piseco Lake	43S	10 mi.	M	x				x		x		x	x		x	x			x		x	x	x	x		x		

See footnotes at end of table.

See footnotes at end of table.

NEW YORK	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
MAJOR QUASI-PUBLIC AND PRIVATE—Continued																												
Nature preserves:																												
Dome Island Memorial Sanctuary.....	50P	16	L	A				x				x			x				x							x		
Little Bear Swamp.....	57P	25						x				x			x				x							x		
Bergen Swamp.....	84P	2,000						x				x			x				x	x						x		
Alverson Tract.....	103P	150						x				x			x				x	x						x		
Moss Lake Nature Sanctuary.....	105P	80	S	x				x				x			x				x							x		
Thompson Pond.....	129P	100	S	x				x				x			x				x							x		
Pawling Preserve.....	136P	1,000	S	x				x				x			x				x	x						x		
Arthur W. Butler Memorial Sanctuary.....	149P	230						x				x			x				x	x						x		
Mianus River Gorge Wildlife Refuge and Botanical Preserve (6).....	151P	148					x	x				x		x	x				x	x						x		
Kings Point Pond.....	166P	15	S	x								x			x											x		
Wolf Swamp Sanctuary.....	176P	20	S	x				x				x			x											x		
Delafield Woods.....	177P	15						x				x			x											x		
Smoky Hollow Bog.....	180P	20						x				x			x											x		
Sunken Forest.....	183P	73						x	x			x			x				x							x		
Tobay Pond Wildlife Preserve.....	188P	500	S	x								x			x				x	x						x		
Foot trail: Appalachian Trail.....	137P	65 mi.	M	A		x		x			x	x		x	x	x	x	x	x	x	x		x	x		x		x
POTENTIAL AREAS																												
NATIONAL																												
Monument: Historic: Hamilton Grange (3).....	165N	1											x		x													
Parkways:																												
Ohio River-Allegheny River (New York portion)(4).....	100N	34 mi.					x		x			x	x		x	x	x	x	x	x					x		x	
Appalachian (New York portion) (4).....	138N	77 mi.						x				x	x		x	x	x	x	x	x							x	
STATE																												
Recreation area: Allegheny River Reservoir (5)....	101S	5,000	4,300		x	x		x				x	x						x	x	x	x	x	x		x		
Free-flowing stream: Ausable River.....	8S	40 mi.					x		x			x	x		x				x	x						x		

(1) Where acreage not shown:

"S" indicates water surface under 500 acres.

"M" indicates water surface of 500 to 10,000 acres.

"L" indicates water surface over 10,000 acres.

(2) An "A" indicates all or major portion of water surface acreage is adjacent to the area.

(3) Authorized for establishment as a unit of the National Park System.

(4) Suggested area—qualifications not wholly determined. Further study required.

(5) This area is of regional or probable national significance.

(6) Major additions recommended.

(7) Administered by the Division of Forests and Waters.

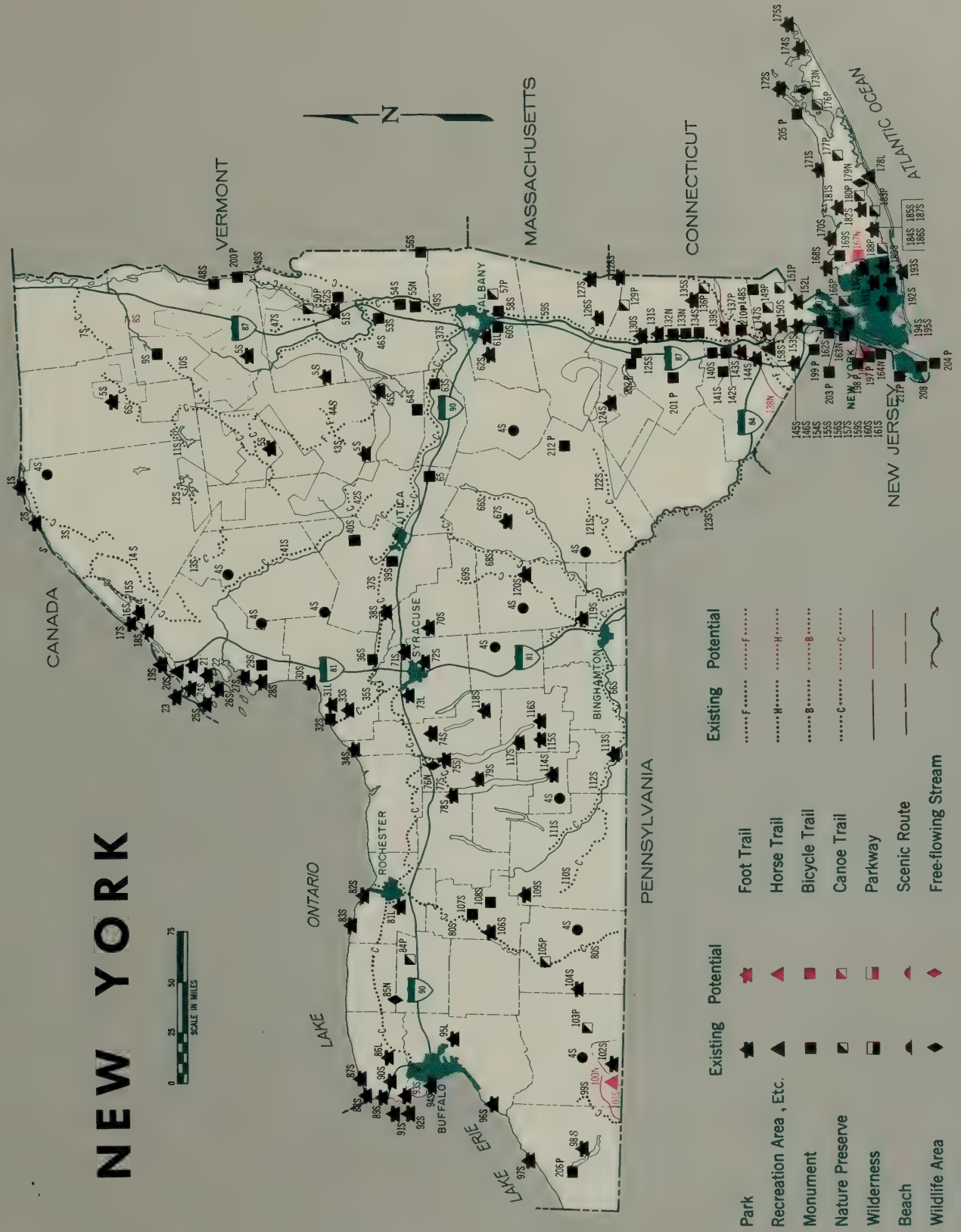
(8) Administered by the Bureau of Camps and Trails.

(9) Undeveloped area.

(10) Eligible for Registered National Historic Landmark status.

(11) National historic site in non-Federal ownership.

NEW YORK



PENNSYLVANIA

PENNSYLVANIA is generously endowed with outdoor recreation resources.

The State population increased over 821,000 between 1950 and 1960. The increase occurred primarily in suburbs of major cities. There are 12 metropolitan areas. With 71 percent of the population urban, the density ranges from 11 per square mile in Forest County to 15,768 in Philadelphia County. Projections indicate State population will increase from 11,319,366 in 1960 to 12,814,000 by 1976.

Agriculture, mining, and manufacturing are the primary industries. Tourist expenditures in the State were estimated at \$1.5 billion in 1959.

The east-west "Shortway" will make the recreation resources in the north-central portion of the State more accessible for a large urban population.

The varied topography of Pennsylvania, ranging from flat tidal river shores to forest-clad mountains, the three major river systems, and the scattered lakes in the northwest and northeast regions constitute the State's principal recreation assets. Approximately 50 percent of the State is forested. The fall foliage colorations and the spring flowers are particularly appealing. Existing and proposed reservoirs, 2.3 million acres of National and State forests, and almost 1 million acres of State game lands offer important present and future public recreation opportunities. Semiwilderness and free-flowing streams are common, primarily in the north-central part of the State. Hunting and fishing are important recreation activities of State residents and out-of-State visitors. There is an excellent cooperative farmer-hunter program.

Pennsylvania has a wealth of historic sites, many of which have been preserved by State or Federal agencies. Fourteen sites not in the National Park

System possess exceptional value in commemorating the history of the United States.

EXISTING PUBLIC AREAS

NATIONAL: The National Park Service administers four historic areas totaling 4,129 acres. The attendance in 1960 was 3,165,900. The Forest Service administers 1 national forest of 471,077 acres, with 10 recreation areas. Six reservoirs, with 4,203 surface acres of summer pool and 21,574 acres of land, are administered by the Corps of Engineers. The Bureau of Sport Fisheries and Wildlife administers one national wildlife refuge of 1,559 acres.

STATE: The Division of State Parks and State park commissions administer 92 areas totaling 204,311 acres. The 1960 attendance was 22,500,000. Fifteen State forests containing 1,870,783 acres are administered by the Division of State Forests. There are 49 picnic areas scattered through the forests. The Pennsylvania Historical and Museum Commission administers 20 historic areas, consisting of 699 acres. State game lands, comprising 216 tracts totaling 960,653 acres, are administered by the Game Commission. The Fish Commission administers over 100 areas (7,200 acres), including lakes, streams, and access points. There are over 50 roadside rest areas under the Highway Department, which has an expanded wayside program under way.

LOCAL: There are approximately 29 nonurban parks and recreation areas with 13,700 acres.



When the Allegheny Portage Railroad carried Pennsylvania Canal boats over the mountains, passengers stopped overnight at the Lemon House atop Allegheny Mountain. This area and parts of the railroad route are proposed as a national historic site.

QUASI-PUBLIC AND PRIVATE: Major areas administered by quasi-public and private agencies include eight historic monuments, seven natural areas of 3,640 acres, and three trails 464 miles long.

PRIVATE ENTERPRISE: Important family-style vacation facilities are provided by private capital. Principal resort areas are located in the Pocono and Allegheny Mountain regions and the lake district in the northwest. Organized summer camps for children are also important.

PARK AND RELATED NEEDS

The State park system is well established and reasonably well developed. Areas are somewhat unevenly distributed in relation to population, with a pronounced deficiency near major urban areas. A primary need is the expansion of metropolitan and other local nonurban park and recreation systems and facilities.

Existing nonurban park and recreation areas under State and local administration provide approximately 204,300 and 13,700 acres, respectively, for the State's 11,319,000 residents. There is a current need for some 305,000 additional acres in the State system and an

estimated 112,600 acres in local parks. Potential areas identified in this plan total 114,482 acres of State significance and 27,423 acres of local significance. The potential State and local acreage, plus other acres, should be acquired to provide well-distributed and adequate State and local parks by 1976.

The figures above do not reflect the almost 3.3 million acres of National and State forests and fish and game lands which are largely available for recreation use.

Free-flowing streams and the associated natural and scientific features are valuable recreation resources requiring protection.

There is need for parkways and scenic roads. Additional boating facilities are needed on Lake Erie and on the inland waterways. Adequate land for recreation development is needed at existing and proposed reservoirs. There is a need and opportunity to supplement park systems by utilizing other public lands for general recreation purposes in addition to the primary purposes for which the areas were established. It is desirable to initiate and/or expand existing programs for public horse and foot trails, camping, nature preserves, waterways, and hunting and fishing access. There is need for a stepped-up program of waysides along existing roads and on the Interstate Highway System. Water pollution is a statewide problem needing further attention. While much has been done to preserve and present to the public the State's rich array of historic sites, this valuable resource is capable of further development.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. Prompt action on the following recommendations by the agencies concerned is urged to help provide needed outdoor recreation opportunities for public enjoyment and use.

NATIONAL: Establishment of the recently authorized Tocks Island Reservoir as a national recreation area, of an Allegheny Portage Railroad National Historic Site, and of a Johnstown Flood National Memorial, and to determine if the Raystown Reservoir has potential as a national recreation area. Co-operative study of the possibility of an Appalachian Parkway; also an Ohio River-Allegheny River Parkway, portions of which would be in Pennsylvania.

STATE: Establishment of a long-range State land acquisition and development program to meet recreation needs.

Recommended—three park areas and major additions to six existing areas. Additional areas suggested—10 park areas.

Provision of adequate public recreation land and developments on existing water-control reservoirs. Consideration should be given to the construction of reservoirs primarily for recreation.

Recommended—14 areas. Additional areas suggested—seven.

Detailed cooperative study to determine the desirability and feasibility of parkways or scenic routes along the Susquehanna and Delaware Rivers. Studies should be initiated to determine the possibility of retaining selected streams in a free-flowing state.

LOCAL: Expansion of existing metropolitan, county, and other local park systems. Recommended—3 areas; additional areas suggested—10; major additions to 2 areas.

Supporting recommendations include—

1. Expansion of boat marina facilities on Lake Erie and on inland waterways.
2. Liberalization of restrictions on use of existing public fish and game lands, in favor of general recreation compatible with wildlife protection
3. A comprehensive survey of archeological and historic sites within the State with a view to the preservation and development of those found to possess sound educational and inspirational values.
4. Expansion of existing systems of trails, nature preserves, and hunting and fishing access sites.
5. Wayside developments along the Interstate Highway System, keeping pace with highway construction, and expansion of the wayside program for existing roads.
6. A stepped-up statewide effort at all levels of government to reduce stream pollution.
7. Permanent easements for the Appalachian Trail.
8. Additional enabling legislation for county and metropolitan parks.



Pine Creek Gorge, Pa., a potential State park area of exceptional natural beauty.

		Acreage		Significant features								Type of use			Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
PENNSYLVANIA																											
EXISTING AREAS																											
FEDERAL																											
Recreation areas:																											
Tionesta Creek Reservoir	13N	3,050	500	x	x		x			x	x			x	x	x	x	x	x	x	x	x	x	x	x	x	
Stillwater Reservoir	63N	424	53	x	x		x				x	x		x			x	x	x	x	x	x	x	x	x	x	
Loyalhanna Reservoir	124N	3,350	250	x	x		x							x			x	x		x	x						
Conemaugh Reservoir	125N	8,250	500	x	x		x							x			x	x		x	x						
Mahoning Reservoir	128N	2,500	200	x	x		x							x			x	x		x	x						
Youghiogheny Reservoir (5)	151N	4,000	2,700	x	x		x			x	x			x		x	x	x	x	x	x	x	x	x	x	x	
Monuments: Historic:																											
Fort Necessity National Battlefield	149N	472										x		x		x	x	x	x								
Gettysburg National Military Park	161N	2,794										x		x		x	x										
Hopewell Village National Historic Site	204N	848										x		x		x	x										
Independence National Historical Park	210N	15										x		x		x	x										
Forest: Allegheny National Forest	16N	471,077	S	x	x	x		x			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Wildlife area: Erie National Wildlife Refuge	5N	1,559										x		x		x	x	x	x			x	x	x	x		
STATE																											
Parks:																											
Cook Forest State Park	14S	7,822				x		x				x		x	x	x	x	x	x	x	x	x	x	x		x	
Clear Creek State Park (5)	15S	900				x		x				x		x	x		x	x	x	x	x		x	x		x	
Chapman State Park	17S	699	68	x				x			x	x		x	x		x	x	x	x		x	x		x		
Clarion River State Park	19S	1,150	1,050	x	x		x				x	x		x	x		x	x	x	x	x	x	x	x		x	
Bendigo State Park	21S	100						x			x			x			x	x		x		x					
Parker Dam State Park	22S	960	20	x				x				x		x	x	x	x	x	x	x	x	x	x	x		x	
S. B. Elliott State Park	23S	721						x				x		x		x	x	x	x							x	
Bucktail State Park	25S	23,013				x		x			x	x	x		x		x										
Kettle Creek State Park	26S	45	5	x		x		x			x	x		x	x		x	x	x	x		x	x				
Kettle Creek State Park Project (6)	27S	1,325	125	A				x			x	x		x	x	x	x	x	x	x	x	x	x	x		x	
Sizerville State Park	30S	1,390						x			x	x		x	x		x	x	x	x		x	x		x		
Lyman Run State Park	33S	60	40	x				x			x	x		x	x		x	x	x	x		x	x				
Ole Bull State Park	35S	67				x		x			x	x	x		x	x		x	x	x		x	x				
Colton Point State Park	37S	238				x		x			x	x		x	x	x	x	x	x						x		
Leonard Harrison State Park	38S	961				x		x			x	x		x	x	x	x	x	x					x		x	
Hills Creek State Park	42S	544	137	x				x			x	x		x	x		x	x	x	x	x	x	x	x		x	
Little Pine State Park	43S	500	90	x				x				x		x	x		x	x	x	x	x	x	x		x		
Hyner Run State Park	44S	17				x		x			x	x		x				x				x					
Ravensburg State Park	47S	426	3	x				x				x		x	x		x	x	x	x						x	
Worlds End State Park	53S	1,891				x		x			x	x		x	x	x	x	x	x	x		x	x		x		
Ricketts Glen State Park	54S	13,387	254	x		x		x			x	x		x	x	x	x	x	x	x	x	x	x	x		x	
Hickory Run State Park	57S	15,486	16	x		x		x			x	x		x	x	x	x	x	x	x	x	x	x	x		x	
Bear Creek State Park (5)	58S	3,445	90	A		x		x			x	x		x		x	x	x	x	x	x		x	x	x		
Abraham Creek State Park Project (6)	59S	1,410	210	x		x					x			x			x	x	x	x	x	x	x		x		
Gouldsboro State Park	65S	3,055	255	x				x				x		x			x	x	x		x	x	x		x		
Tobyhanna State Park	66S	4,188	170	x				x			x	x		x	x	x	x	x	x	x	x	x	x	x		x	
Promised Land State Park	69S	2,339	597	x		x		x			x	x		x	x	x	x	x	x	x	x	x	x	x		x	
George W. Childs State Park (5)	75S	154				x		x				x		x			x	x	x					x			
Big Pocono State Park	77S	1,306						x			x	x		x			x	x	x						x		x
Jacobsburg State Park Project (6)	84S	523				x		x				x		x				x	x						x		
Locust Creek State Park Project (6)	85S	1,400	100	x		x		x						x	x	x	x	x	x	x	x	x	x	x		x	
Shikellamy State Park	92S	67						x			x			x	x		x	x							x		
R. B. Winter State Park	93S	587	7	x				x			x	x		x	x	x	x	x	x	x		x			x		
Poe Valley State Park	94S	785	25	x				x			x	x		x	x	x	x	x	x	x	x	x	x	x		x	
Snyder-Middleswarth State Park	96S	500				x		x			x	x		x			x	x	x						x		

See footnotes at end of table.

PENNSYLVANIA

EXISTING AREAS—Continued
STATE—Continued

Parks—Continued

	Number on map	Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
Reeds Gap State Park.....	97S	250				x		x			x	x		x			x	x					x		x		
Black Moshannon State Park.....	102S	2,150	250	x		x		x			x	x		x	x	x	x	x	x	x	x	x	x	x	x		
Whipple Dam State Park.....	104S	201	11	x				x			x			x			x	x	x	x	x	x			x		
Greenwood Furnace State Park.....	105S	382	5	x								x		x			x	x	x	x	x	x			x		
Colonel Denning State Park.....	108S	67	4	x								x		x			x	x	x	x	x	x			x		
Big Spring State Park.....	110S	25						x						x			x	x	x	x	x	x			x		
Shawnee State Park.....	111S	3,840	451	x				x				x		x	x	x	x	x	x	x	x	x	x	x	x		
Nimchism State Park Project (6).....	112S	400	100	x	x			x			x	x		x			x			x	x	x			x		
Trough Creek State Park.....	113S	352	2	x				x			x	x		x	x		x	x	x	x	x	x			x		
Blue Knob State Park.....	116S	5,597						x			x	x		x	x	x	x	x	x	x	x				x		x
Prince Gallitzin State Park.....	119S	3,359	1,760	x				x				x		x	x	x	x	x	x	x	x	x	x	x	x		
Curwensville State Park Project (6).....	120S	1,340	540		x	x		x				x		x	x	x	x	x	x	x	x	x	x	x	x		
Yellow Creek State Park Project (6).....	121S	6,000	1,500	x				x				x		x	x		x	x	x	x	x	x	x	x	x		
Linn Run State Park.....	122S	1,500						x			x	x		x	x		x	x	x				x		x		
Keystone State Park.....	123S	885	78	x		x		x			x	x		x	x	x	x	x	x	x	x	x			x		
Muddy Creek State Park Project (6).....	132S	20,470	3,600	x		x						x		x	x	x	x	x	x	x	x	x			x		
McConnells Mill State Park.....	133S	1,923				x		x				x	x	x			x	x	x	x				x			
Raccoon Creek State Park.....	134S	7,159	112	x		x						x		x	x	x	x	x	x	x	x	x	x	x	x		
Ryerson Station State Park Project (6).....	147S	1,104	35	x		x		x				x		x	x	x	x	x	x	x	x	x	x	x	x		
Kooser State Park.....	152S	379	4	x		x		x				x		x	x	x	x	x	x	x	x	x	x				
Laurel Hill State Park.....	153S	4,170	65	x		x		x				x	x		x	x	x	x	x	x	x	x	x	x	x		
Cowans Gap State Park.....	157S	1,388	42	x		x		x				x	x		x	x	x	x	x	x	x	x	x				
Mont Alto State Park.....	159S	85				x		x				x		x				x						x			
Caledonia State Park.....	162S	1,444				x		x				x	x	x		x	x	x	x	x	x	x			x		
Pine Grove Furnace State Park.....	163S	612	27	x				x				x	x		x	x	x	x	x	x	x	x	x				
Gifford Pinchot State Park.....	164S	3,140	340	x				x				x		x	x	x	x	x	x	x	x	x	x				
Samuel S. Lewis State Park.....	167S	71										x	x	x			x										
Tohickon State Park Project (6).....	178S	5,650	1,350	x				x				x		x	x	x	x	x	x	x	x	x	x	x	x		
Ralph Stover State Park.....	179S	47	2	x		x		x				x		x	x		x	x	x				x		x		
French Creek State Park.....	205S	5,883	90	x		x		x				x		x	x	x	x	x	x	x	x	x	x	x	x		

Recreation areas:

Presque Isle State Park.....	1S	3,203					x					x	x	x	x	x	x	x	x		x	x	x	x	x		
Pymatuning State Park.....	6S	19,920	16,420		A							x			x	x	x	x	x	x	x	x	x	x	x		
Sinnemahoning State Park.....	28S	442	142		x			x				x	x		x	x	x	x	x	x	x	x	x	x	x		
Denton Hill State Park.....	32S	150						x				x			x		x		x								x
Susquehanna State Park.....	50S	25				x		x				x			x			x			x	x	x				
Prompton State Park Project.....	64S	11,555	225		x			x				x			x			x	x	x	x	x	x	x	x		
Crooked Creek State Park.....	126S	2,830	350		x			x				x			x	x		x	x	x	x	x	x				
Logan State Park Project.....	195S	300				x						x			x			x			x						

Monuments:

Scientific:																											
High Knob State Forest Monument.....	52S	22						x				x	x		x			x									
Archbald Pothole State Park Project.....	60S	145												x	x			x	x	x							
Detweiler Run State Forest Monument.....	99S	200						x				x			x			x	x								
Bear Meadows State Forest Monument.....	100S	550						x				x			x			x	x								
Alan Seeger State Forest Monument.....	106S	285										x	x	x	x			x	x								
Hemlocks State Forest Monument.....	109S	80						x				x			x												
Mount Davis State Forest Monument.....	154S	100						x				x			x			x	x	x	x						
Martin Hill State Forest Monument.....	155S	9						x				x	x		x												

Historic:

Flagship Niagara.....	2S	1											x		x		x	x									
Fort Le Boeuf Memorial.....	4S	1											x		x												
Drake Well Memorial Park.....	11S	218											x		x		x	x									

See footnotes at end of table.

PENNSYLVANIA

PENNSYLVANIA		Number on map	Acreage		Significant features									Type of use			Activities												
			Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																													
STATE—Continued																													
Monuments—Continued																													
Historic—Continued																													
Warrior Run Church.....	49S	1											x		x														
Fort Augusta.....	90S	1											x		x														
Priestly House.....	91S	1											x		x														
28th Division Shrine.....	101S	75											x		x		x	x											
Admiral Peary Park.....	117S	4											x		x														
Old Economy.....	135S	4											x		x														
Point Park State Park.....	140S	36					x						x		x		x	x											
Bushy Run Battlefield State Park (7).....	145S	162											x		x		x	x	x	x									
Buchanan's Birthplace State Park.....	158S	19						x					x		x		x	x	x						x				
Pennsylvania Farm Museum.....	168S	13											x		x														
Ephrata Cloister.....	169S	28											x		x														
Cornwall Furnace.....	171S	1											x		x														
Conrad Weiser Memorial (7).....	172S	26											x		x														
Roosevelt State Park.....	180S	600					x						x	x	x			x	x	x		x	x			x	x		
Daniel Boone Homestead.....	185S	192											x		x														
Pottsgrove Mansion.....	186S	1											x		x														
Washington Crossing State Park (5) (7).....	189S	478					x		x				x	x	x		x	x	x	x		x			x		x		
Pennsbury Manor.....	190S	41											x		x														
Graeme Park (7).....	194S	42											x		x														
Hope Lodge.....	197S	40											x		x														
Fort Washington State Park.....	198S	483											x		x				x	x						x			
Valley Forge State Park (5) (7).....	207S	2,048					x						x		x		x	x	x	x	x	x			x				
Independence Mall State Park.....	209S	5											x		x														
Brandywine Battlefield State Park (5) (7).....	221S	50											x		x			x	x										
Governor Printz Park.....	225S	7											x		x														
Morton Homestead.....	226S	2											x		x														
Wilderness:																													
Bruce Lake State Forest Monument.....	70S	2,300	108	x				x				x		x	x	x	x	x	x	x	x	x		x	x				x
Stillwater State Forest Monument.....	76S	3,400	5	x				x				x		x	x	x	x	x	x	x	x	x		x	x				x
Forests:																													
Elk State Forest.....	20S	188,787					x		x			x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Moshannon State Forest.....	24S	159,092					x		x			x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Susquehanna State Forest.....	34S	263,500					x		x			x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Tioga State Forest.....	36S	148,295					x		x			x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Sprout State Forest.....	45S	271,000					x		x			x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Tiadaghton State Forest.....	48S	161,306					x		x			x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Wyoming State Forest.....	51S	40,000					x		x			x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	
Delaware State Forest.....	68S	74,835	S	x			x		x			x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Bald Eagle State Forest.....	95S	181,000					x		x			x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Rothrock State Forest.....	98S	95,000					x		x			x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Tuscarora State Forest.....	107S	81,965					x		x			x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Forbes State Forest.....	115S	47,982					x		x			x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	
Buchanan State Forest.....	156S	70,000					x		x			x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	
Michaux State Forest.....	160S	76,678					x		x			x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x
MAJOR LOCAL																													
Parks:																													
West Deer Park (6).....	137L	581						x				x			x					x	x	x	x	x	x		x		
Harrison Park (6).....	138L	210						x				x			x					x	x	x	x	x	x		x		
Plum Park (6).....	139L	859						x				x			x					x	x	x	x	x	x		x		
North Fayette Park (6).....	141L	694						x				x			x					x	x	x	x	x	x		x		
Upper Saint Clair Park (6).....	142L	200						x				x			x					x	x	x	x	x	x		x		

See footnotes at end of table.

PENNSYLVANIA	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
MAJOR LOCAL—Continued																												
Parks—Continued																												
White Oak Park (6).....	144L	779						x				x			x				x	x	x	x	x			x		
Elizabeth Park (6).....	146L	518						x				x																
Lorimer Park (5).....	196L	134					x	x				x		x	x				x	x				x		x		
Recreation areas:																												
Cameron County Parks (2 areas).....	29L	65						x				x			x				x									
Westfall Park.....	118L	35										x			x				x									
North Park.....	136L	2, 275	S	x											x				x	x		x	x	x				
South Park.....	143L	1, 985	S	x											x				x	x		x	x	x				
Reading City Parks (5 areas).....	174L	3, 504						x			x	x			x				x	x						x		
Lehigh Park.....	177L	350										x			x				x									
Bucks County Parks (4 areas) (5).....	181L	600	S	x				x				x	x		x				x	x		x	x	x		x		
Upper Perkiomen Park.....	184L	601	38	x		x		x				x			x	x			x	x	x	x	x	x		x		
Lower Perkiomen Park.....	212L	153					x					x			x				x			x	x		x			
Delaware County Parks (4 areas) (5).....	224L	195										x			x				x	x								
MAJOR QUASI-PUBLIC AND PRIVATE																												
Monuments: Historic:																												
The Academy of Music.....	228P											x			x		x	x										
Elfreth's Alley.....	229P											x			x		x	x										
Old West, Dickinson College.....	230P											x			x		x	x										
Edgar Allan Poe House.....	231P											x			x		x	x										
Walnut Street Theater.....	232P											x			x		x	x										
"Wheatland," James Buchanan House.....	233P											x			x		x	x										
Cornwall Mines.....	234P											x			x		x	x										
Gloria Dei (Old Swedes') Church (8).....	235P	3																										
Scientific: Ohiopyle.....	150P	300				x		x				x		x	x		x	x	x	x				x		x		
Nature preserves:																												
Woodbourne Forest.....	62P	478						x				x			x				x							x		
Cranberry Bog.....	78P	72										x			x				x							x		
Jennings Blazing Star.....	130P	24										x			x				x							x		
Buchanan Run (5).....	131P	48					x	x				x		x	x				x							x		
Money Island.....	192P	300					x					x			x				x							x		
Wildlife area: Hawk Mountain.....	88P	2, 418						x			x	x			x		x		x	x	x					x		
Foot trails:																												
Appalachian Trail.....	83P	190 mi.					x		x			x	x	x	x	x	x	x	x	x	x			x		x		x
Baker Trail.....	127P	158 mi.					x		x			x	x	x		x		x		x						x		
Horse trail: Horse Shoe Trail.....	170P	116 mi.					x		x			x	x	x		x		x		x						x		
POTENTIAL AREAS																												
NATIONAL																												
Monuments: Historic: Allegheny Portage Railroad and Johnstown Flood Memorial.....	227N												x		x		x	x										
Recreation areas:																												
Tocks Island.....	74N	70, 482	12, 250	x	x		x				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Raystown Reservoir (3).....	114N	41, 800	8, 525	x	x		x				x	x			x	x	x	x	x	x	x	x	x	x	x	x	x	
Parkways:																												
Ohio River-Allegheny River (Pennsylvania portion) (3).....	12N	168 mi.					x		x			x	x	x	x	x	x	x	x	x	x	x	x	x		x		
Appalachian (Pennsylvania portion) (3).....	82N	201 mi.					x		x			x	x	x	x	x	x	x	x	x	x	x	x	x		x		

See footnotes at end of table.

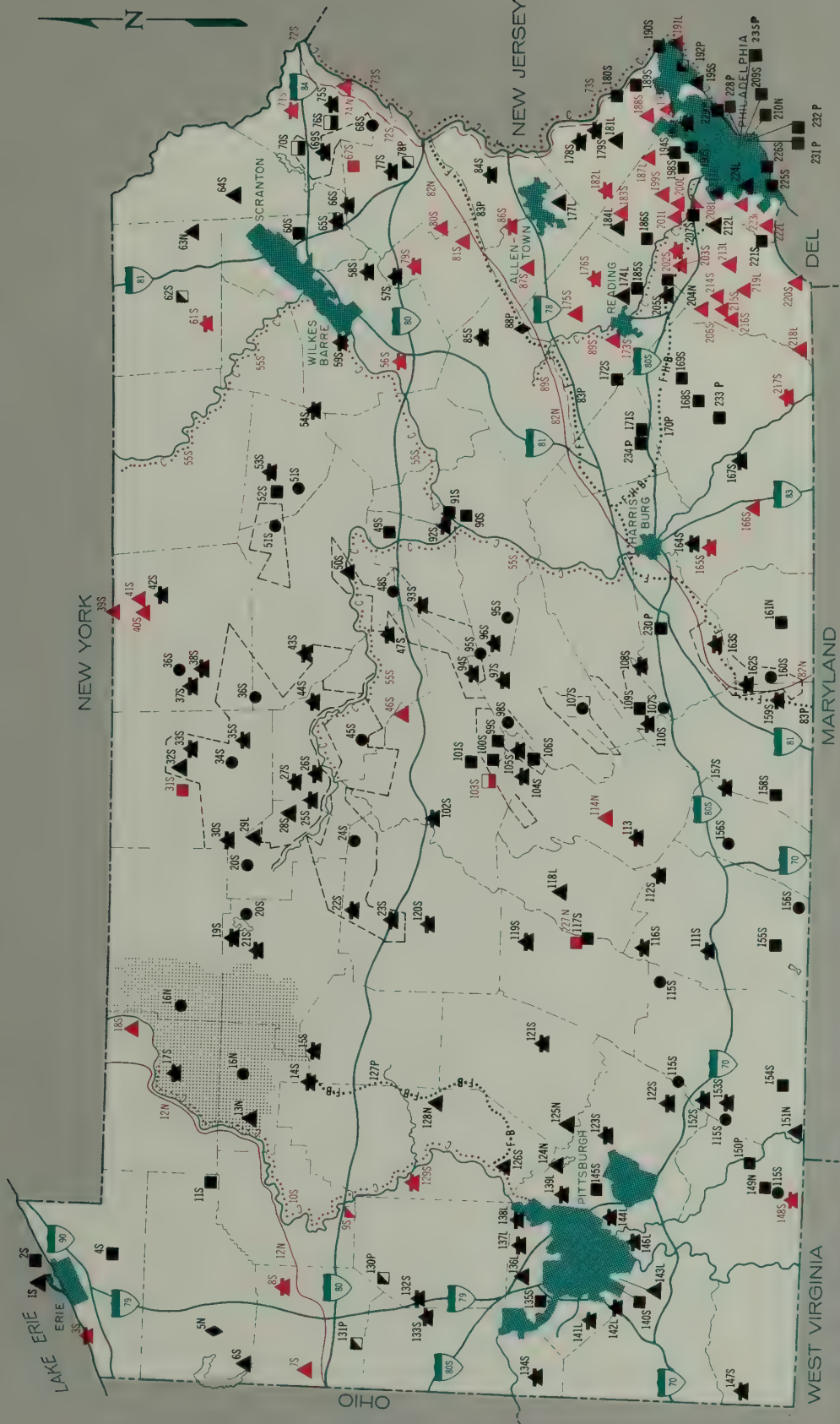
PENNSYLVANIA	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE																												
Parks:																												
Elk Creek.....	3S	850		x		x	x					x			x			x	x			x	x			x		
Sandy Creek, Mercer (3).....	8S	4,000	M	x		x									x	x		x	x	x	x	x	x	x		x		
Wapwallopen Creek (3).....	56S	3,000	M	x		x						x			x	x		x	x	x	x	x	x	x		x		
Meshopen Creek (3).....	61S	3,500	M	x		x						x			x	x		x	x	x	x	x	x	x		x		
Shohola Falls.....	71S	2,000				x	x					x		x	x		x	x	x					x	x	x		
Mud Run (3).....	79S	2,500	M	x		x						x			x	x		x	x	x	x	x	x		x			
Trexler Preserve.....	86S	1,107				x						x			x			x	x					x		x		
Bradys Bend (3).....	129S	550				x								x	x			x	x					x		x		
Sandy Creek, Fayette (3).....	148S	12,000	M	x		x						x			x	x	x	x	x	x	x	x	x		x			
Conewago Creek (3).....	165S	3,500	M	x		x						x			x	x		x	x	x	x	x	x		x			
Pine Creek (3).....	176S	3,700	M	x		x						x			x	x		x	x	x	x	x	x		x			
French Creek Falls (3).....	202S	580				x						x		x	x			x	x					x		x		
Fishing Creek (3).....	217S	300				x						x		x	x	x		x	x	x	x	x	x		x			
Recreation areas:																												
Shenango River Reservoir.....	7S	3,055	1,890		x	x						x			x	x	x	x	x	x	x	x	x	x	x	x		
Allegheny River Reservoir (4).....	18S	39,600	15,900		x	x		x				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Cowanesque Reservoir (3).....	39S	4,300	160		x	x						x			x	x	x	x	x	x	x	x	x	x	x	x		
Hammond Reservoir (3).....	40S	1,800	S		x	x						x			x	x	x	x	x	x	x	x	x	x		x		
Tioga Reservoir (3).....	41S	1,690	190		x	x		x				x	x		x	x	x	x	x	x	x	x	x	x		x		
Blanchard Reservoir (3).....	46S	5,200	370		x	x						x			x	x	x	x	x	x	x	x	x	x	x	x		
Beltzville Reservoir.....	80S	2,180	800		x	x		x				x			x	x	x	x	x	x	x	x	x	x	x	x		
Aquashicola Reservoir.....	81S	2,090	840		x	x		x				x			x	x	x	x	x	x	x	x	x	x	x	x		
Trexler Reservoir.....	87S	3,480	850		x	x						x			x	x	x	x	x	x	x	x	x	x	x	x		
Indian Rock Reservoir (3).....	166S	1,500			x	x						x			x			x	x	x	x	x	x		x			
Blue Marsh Reservoir.....	173S	4,636	860		x	x		x				x			x	x	x	x	x	x	x	x	x	x	x	x		
Maiden Creek Reservoir.....	175S	8,100	2,500		x	x									x	x	x	x	x	x	x	x	x	x	x	x		
Green Lane Reservoir.....	183S	2,814	814		x	x						x						x	x	x	x	x	x	x		x		
Newtown Reservoir.....	188S	6,920	2,120		x	x									x	x	x	x	x	x	x	x	x	x	x	x		
Evansburg Reservoir.....	199S	4,565	1,200		x	x		x				x			x	x	x	x	x	x	x	x	x	x	x	x		
French Creek Reservoir.....	203S	3,620	1,100		x	x		x				x			x	x	x	x	x	x	x	x	x	x	x	x		
Barron Hills Reservoir.....	206S	3,845	345		x	x		x				x			x	x	x	x	x	x	x	x	x	x	x	x		
West Branch Brandywine Creek Reservoir.....	214S	675	175		x	x						x			x				x	x		x	x	x		x		
Birch Run Reservoir (3).....	215S	800	44		x	x		x				x			x				x	x	x	x	x	x		x		
Rock Run Reservoir (3).....	216S	1,000	38		x	x						x			x	x	x	x	x	x	x	x	x	x		x		
Newark Reservoir.....	220S	2,825	425		x	x						x			x	x	x	x	x	x	x	x	x	x	x	x		
Monuments: Scientific:																												
Ice Mine (3).....	31S	1,200													x	x	x	x	x									
Buck Hill Falls (3).....	67S	2,600				x		x				x			x	x	x	x	x	x	x						x	
Nature preserve: Scrubgrass Creek (3).....	9S	1,000				x		x				x	x		x	x		x	x	x				x				
Wilderness: Centre County Barrens (3).....	103S	7,000						x	x			x			x	x	x	x	x	x	x					x	x	
Scenic road: Delaware River Scenic Road.....	72S	110 mi.				x		x				x	x	x	x			x	x			x	x	x		x		
Canoe trails:																												
Allegheny River.....	10S	170 mi.				x		x				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
Susquehanna River.....	55S	150 mi.				x		x				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
Delaware River.....	73S	145 mi.				x		x				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
Schuylkill River.....	89S	85 mi.				x		x				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
LOCAL																												
Park: Ridge Valley (3).....	182L	2,000				x		x				x			x	x		x	x	x	x	x	x		x			
Recreation areas:																												
Montgomeryville (3).....	187L	500										x			x				x	x							x	
Penn Manor.....	191L	3,200	1,400		x							x			x				x	x		x	x	x		x		
See footnotes at end of table.																												

PENNSYLVANIA	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
LOCAL—Continued																												
Recreation areas—Continued																												
Springfield Reservoir	193L	930	180	..	x	..	..	..	..	..	..	..	..	..	x	..	..	..	x	x	..	x	..	x	..	x	..
Lower Schuylkill (3)	200L	838	..	..	x	..	..	..	..	..	..	..	..	..	x	..	..	..	x	x	..	x	..	x	..	x	..
Black Rock Dam (3)	201L	1,710	S	..	x	x	..	..	..	..	..	..	..	..	x	..	..	..	x	x	..	x	x	x	..	x	..
Earle Estate (3)	211L	600	..	..	..	..	x	..	..	..	x	..	..	..	x	..	..	..	x	x	..	x	..	x	..	x	..
Downingtown (3)	213L	5,500	..	..	..	..	x	..	..	..	x	..	..	..	x	..	..	..	x	x	x	x	x	x	..	x	..
Nottingham (3)	218L	8,500	..	..	..	..	..	..	..	..	x	..	..	..	x	..	..	..	x	x	x	x	x	x	..	x	..
Doe Run (3)	219L	1,580	880	..	x	..	..	..	..	..	x	..	..	..	x	..	..	..	x	x	..	x	x	..	..	x	..
Chester Creek Valley (3)	222L	650	..	..	x	..	x	..	..	..	x	..	..	..	x	..	..	..	x	x	..	x	x	..	..	x	..
Jeffords Estate (3)	223L	1,400	..	..	..	..	x	..	..	..	x	..	..	..	x	..	..	..	x	x	..	..	..	..	..	x	..
Nature preserve: Sharps Woods	208L	15	..	..	..	..	x	..	..	..	..	..	..	..	..	..	..	..	x	..	..	..	..	..	..	x	..

- (1) Where acreage not shown:
 "S" indicates water surface under 500 acres.
 "M" indicates water surface of 500 to 10,000 acres.
- (2) An "A" indicates all or major portions of water surface acreage is adjacent to area.
- (3) Suggested area—qualifications not wholly determined. Further study required.
- (4) This area is of regional or probable national significance.
- (5) Major additions recommended.
- (6) Undeveloped area.
- (7) Eligible for Registered National Historic Landmark status.
- (8) National historic site in non-Federal ownership.



Pennsylvania and New Jersey meet spectacularly at the Delaware Water Gap, long renowned as a scenic attraction. The area would be included in the proposed Tocks Island National Recreation Area.



PENNSYLVANIA

	Existing	Potential
Park	★	★
Recreation Area, Etc.	▲	▲
Monument	■	■
Nature Preserve	◼	◼
Wilderness	◼	◼
Wildlife Area	★	★
Forest	▲	▲
Foot Trail	■	■
Horse Trail	◼	◼
Bicycle Trail	◼	◼
Canoe Trail	◆	◆
Parkway	●	●
Scenic Route	.....F.....	.....f.....
NATIONAL PARK	.....H.....	.....h.....
NATIONAL FOREST	.....B.....	.....b.....
Existing	.....C.....	.....c.....
Potential	.....C.....	.....c.....

RHODE ISLAND

RHODE ISLAND has a great number of historic sites and other points of interest, including a notable coastal region.

In 1960 it had the highest average population density in the Nation—812 per square mile. Eighty-six percent of the State's population of 859,000 lived in urban areas. Projections indicate the population may reach 1,056,000 by 1976.

The small size of the State, density of population, and development, plus limited recreation resources, combine to emphasize the importance of the Interstate System for access to neighboring States having a wider range of recreation resources.

Ocean shoreline with sandy beaches and vertical rockbound cliffs, scattered ponds, lakes, and wooded hills constitute the major recreation resources. Mild summer temperatures along the coast, coupled with a reasonably pleasant weather pattern, have contributed to the State's popularity as a resort center. A rich historical background includes the colonial and revolutionary themes and the cultural evolution of colony and State. Five sites, not in the National Park System, possess exceptional value in commemorating the history of the United States.

EXISTING PUBLIC AREAS

STATE: The Division of Parks and Recreation administers 19 parks and recreation areas, with 8,071 acres, and 8 historic sites totaling 153 acres that had an attendance of 2,587,330 in 1960. In addition, this agency manages 31 roadside picnic areas. Nine areas totaling 14,404 acres are administered by the Division of Forests. The Division of Fish and Game has 11 areas totaling 5,943 acres and 27 fishing access sites.

LOCAL: One nonurban area of 15 acres.

QUASI-PUBLIC AND PRIVATE: Seven historic monuments of national or State significance are open to the public.

PRIVATE ENTERPRISE: A highly developed and important role is played by private enterprise, which provides seashore resorts, boat marinas, and commercial tourist attractions.



Touro Synagogue, gem of colonial religious architecture, typifies Rhode Island's wealth of historical associations, and of private programs to conserve them. The synagogue, in Newport, is a national historic site in non-Federal ownership.

PARK AND RELATED NEEDS

The high density of population coupled with the small size of the State are factors which influence recreation needs. The most pressing need is areas for

nonurban recreation near enough for day and weekend use. Continued research and development is needed if full advantage is to be derived from the State's interesting and significant historical resources.

Existing State parks and recreation areas provide 8,224 acres for 859,000 residents. Potential State areas identified in this plan total 2,835 acres. Assuming that all these identified potential areas are established and developed, there will still be a need by 1976 for more State and local parks.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. If acted upon promptly, the following recom-

mendations may help to provide needed outdoor recreation opportunities in Rhode Island.

STATE: Enlargement of the State park system to preserve significant resources by addition of three parks, and a major addition to one existing area. Further study of two suggested areas and two streams.

Supporting recommendations include—

1. Initiation of legislation aimed toward halting pollution of streams and shoreline.
2. Provide an adequate system of public marinas, sheltered anchorages, small campgrounds, and provisioning stations along established water routes in Narragansett Bay.
3. A survey of archeological and historic sites with a view toward preservation and development.

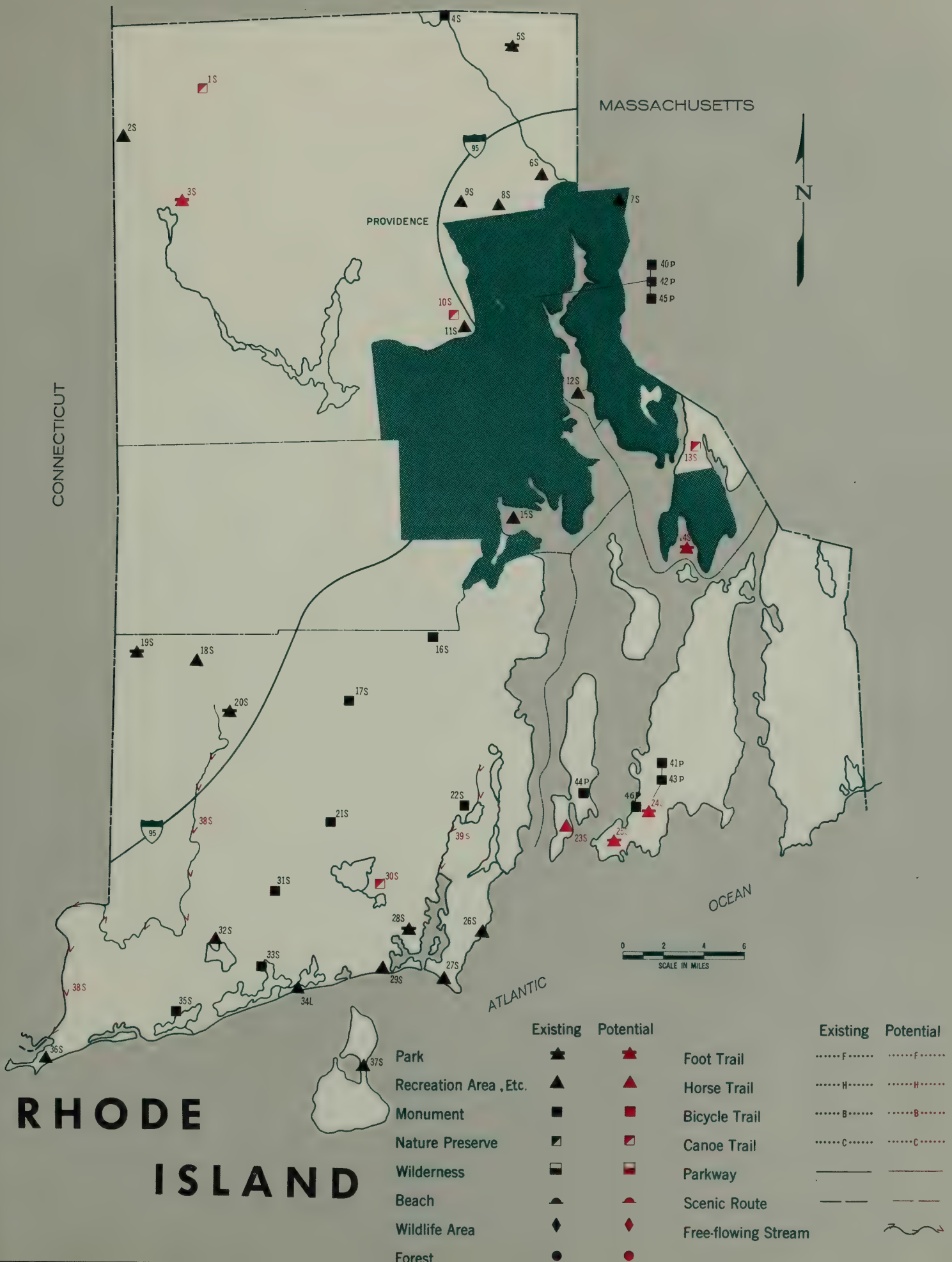


Entrance to the Colt Estate in Bristol, R.I.

RHODE ISLAND		Number on map	Acreage		Significant features								Type of use			Activities																					
			Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience								
EXISTING AREAS																																					
STATE																																					
Parks:																																					
Diamond Hill State Park	5S	373											x	x					x	x																	
Beach Pond State Park	19S	3,200	M	A				x						x	x				x	x	x	x	x	x													
Dawley State Park	20S	200						x						x					x	x																	
Fort Greene State Park	28S	91						x					x	x	x				x	x																	
Recreation areas:																																					
Casimir Pulaski Memorial State Park (4)	2S	100	S	x			x							x					x	x																	
Lincoln Woods State Park	6S	627	S	x			x							x	x					x	x																
Ten Mile River State Park	7S	104	15	x			x							x					x	x																	
Peter Randall State Park	8S	36					x							x	x				x	x																	
Canada Pond State Reservation	9S	4	S	A										x																							
Meshanticut	11S	43	10	x			x							x					x	x																	
Haines Memorial State Park	12S	102					x							x					x	x																	
Goddard Memorial State Park	15S	472					x							x					x	x																	
Arcadia State Park	18S	48	S	x			x							x					x	x																	
Scarborough State Beach	26S	23					x							x					x	x																	
Sand Hill Cove State Beach	27S	27					x							x					x	x																	
East Matunuck State Beach	29S	102					x							x					x	x																	
Burlingame State Park	32S	2,500	M	x			x					x		x	x				x	x	x	x	x	x													
Misquamicut State Beach	36S	50					x							x					x	x																	
Block Island State Beach	37S	19					x							x					x	x																	
Monuments: Historic:																																					
World War II Memorial State Historic Site	4S	25											x	x																							
Queen's Fort State Historic Site	16S	64											x	x	x																						
Bell Schoolhouse State Historic Site	17S	1											x	x	x																						
Great Swamp Fight State Historic Site	21S	41											x	x	x																						
Jireh Bull Garrison State Historic Site	22S												x	x	x																						
Indian Burial Ground State Historic Site	31S	21											x	x	x																						
Fort Ninigret State Historic Site	33S	1											x	x	x																						
General Stanton State Historic Site	35S												x	x	x																						
MAJOR LOCAL																																					
Recreation area: Charlestown Beach	34L	15					x							x																							
MAJOR QUASI-PUBLIC AND PRIVATE																																					
Monuments: Historic:																																					
First Baptist Meeting House	40P												x	x					x	x																	
Redwood Library	41P												x	x					x	x																	
University Hall, Brown University	42P												x	x					x	x																	
Wanton-Lyman-Hazard House	43P												x	x					x	x																	
Gilbert Stuart House	44P												x	x					x	x																	
John Brown House	45P												x	x					x	x																	
Touro Synagogue (5)	46P												x	x					x	x																	
STATE																																					
Parks:																																					
Bowditch Reservoir (3)	3S	450	S	x			x						x	x	x				x	x	x	x	x	x													
Colt Estate	14S	400					x							x	x				x	x	x	x	x	x													
Fort Adams	24S	50					x							x					x	x																	
Brenton Point	25S	55					x							x	x				x	x																	

RHODE ISLAND	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS																												
STATE—Continued																												
Recreation area: Beavertail Point (3)	23S	30					x								x				x	x		x	x					
Nature preserves:																												
Cedar Swamp Pond	1S	200	S	x				x						x	x				x	x							x	
Pocasset Brook	10S	500						x			x			x	x				x	x						x		
Hundred Acre Cove	13S	150					x					x		x	x				x	x						x		
Pine Barrens (3)	30S	1,000						x						x	x				x	x						x		
Free-flowing streams:																												
Pawcatuck River (3)	38S	40 mi.					x					x			x							x		x		x		
Usquepaug and Beaver Rivers (3)	39S	25 mi.					x					x			x							x		x		x		

- (1) Where acreage not shown:
 "S" indicates water surface under 500 acres.
 "M" indicates water surface of 500 to 10,000 acres.
- (2) An "A" indicates all or major portions of water surface acreage is adjacent to area.
- (3) Suggested area—qualifications not wholly determined. Further study required.
- (4) Major additions recommended.
- (5) National historic site in non-Federal ownership.



VERMONT

VERMONT offers a picturesque setting of mountains, lakes, and rivers for recreation, serving especially residents of southern New England and the New York metropolitan region.

Predominantly rural, the 1960 population of 389,881 is expected to decrease slightly, with 377,000 forecast for 1976. Only 38 percent is urban. The population density is 42 per square mile. The largest city in the State is Burlington, with 35,531 residents.

Tourism, the second-ranking industry in Vermont, accounted for about a \$115 million income to the State in 1960, increasing from \$55 million in 1946. Forestry, agriculture, manufacturing, mining, and general construction are the other major industries.

Ninety percent of the visitors come by automobile. Completion of the Interstate System will place Vermont within a day's driving distance of approximately a third of our Nation's growing population. Ease of automobile access is also rapidly increasing the recreation use of Lake Champlain by Canadians from Montreal, Canada's largest city, less than 1 hour's drive away.

The Green Mountains provide a scenic backdrop to 120-mile-long Lake Champlain to the west, and to the winding, forested slopes of the Connecticut Valley to the east. Vermont abounds with cold-water streams and numerous lakes and ponds. Hunting and fishing are excellent and attract many nonresidents. There are many significant historic sites associated with Vermont's struggle for independence from New York, the American Revolution, the State's economic and cultural development, and its sons who achieved national recognition. The recreation potential in Vermont is extensive, varied, and abundant, embracing scientific and scenic values.

The climate is ideal for year-round outdoor recreation. Summer days are comfortable and the evenings are normally cool. Snow for winter sports is dependable from late November through most of March.

EXISTING PUBLIC AREAS

NATIONAL: The Forest Service administers the Green Mountain National Forest of 231,825 acres. The forest has four recreation areas. The Bureau of Sport Fisheries and Wildlife has one national wildlife refuge of 3,700 acres. The Corps of Engineers administers four reservoir areas totaling 4,715 acres.

STATE: The Department of Forests and Parks administers 37 parks and related areas totaling 14,106 acres, with a 1960 attendance of 734,626, and 28 forests comprising 72,525 acres. The Board of Historic Sites has 11 sites. The Fish and Game Service administers 112 areas totaling 28,525 acres, including 84 fishing access sites. The State Highway Department provides 32 wayside rest areas.

QUASI-PUBLIC AND PRIVATE: Two historic monuments are open to the public. The Long Trail and Appalachian Trail together traverse much of the Green Mountain range.

PRIVATE ENTERPRISE: Large resort developments, hotels, motels, tourist homes, and numerous small housekeeping cabins and sporting camps provided facilities for an estimated 1.5 million visitors in 1960. Private camps and cabins are increasing on almost all accessible waters. Many of the ski areas

are privately developed; some lifts are operated year round. There are several private scenic toll roads.

PARK AND RELATED NEEDS

Vermont needs additional public recreation lands. The 14,106 acres in State parks are inadequate to meet the demands of both State residents and the ever-increasing influx of out-of-State visitors. This increase can only be partially absorbed by recreation use of other public lands. Areas that provide outstanding natural attractions should be protected through acquisition or other means.

Portions of the Lake Champlain shoreline and sites on the shores of the larger lakes should be acquired while still available. Certain streams should be retained in their free-flowing state.

In recognition of the importance of tourism to the State's economy, the Vermont Park Service is undertaking a program to expand park acreages and facilities. Weekend visits from the more populous States of New York, Massachusetts, and Connecticut will increase the need for day and weekend facilities, especially in the southern part of the State.

The State has made excellent progress in marking some existing roads as scenic routes. A complete marked system of scenic routes could be developed.

One of Vermont's invaluable scenic and recreation attractions is the picturesque panorama of villages and farms against a setting of lakes, rivers, and mountains. The protection of this distinctive atmosphere is of recognized importance to the State. Such protection will require the closest cooperation and strengthening of State and local efforts at planning, purchase of easements, billboard controls, and zoning.



In Essex County, Vt., lands near Victory, embracing an authorized reservoir project of the Corps of Engineers, have been recommended for a State recreation area.

No locally administered nonurban recreation lands were inventoried during the course of this study. To accommodate the minimum requirements of the State's urban population would require the acquisition of an estimated 2,700 acres in this category.

RECOMMENDATIONS

Existing recreation resources and potential areas are shown on the accompanying tabulation and map. If the following recommendations can be vigorously implemented, they may help to provide needed outdoor recreation opportunities for public enjoyment and use.

NATIONAL: Continued studies of a possible Robert Frost Historic Site.

Re-evaluation of the desirability and feasibility of the Green Mountain Parkway suggestion as part of an Appalachian Parkway system.

STATE: Possible recreation area establishment around the Victory Reservoir project as part of Vermont's State park program.

In preserving Vermont's irreplaceable recreation resources, special emphasis should be placed on the acquisition of desirable shoreline along Lake Champlain. Indeed, protection of natural scenic shorelines on many of Vermont's best lakes and ponds is very important. Although Vermont law gives some rights for the Long Trail, easements are needed along other existing foot trails on private lands.

Supporting recommendations include—

1. Protection of the natural values found in free-flowing streams within settings that are still undeveloped.
2. Exploratory studies of recreation opportunities during the planning and development of reservoir projects.
3. Continuation of State and local efforts to preserve a number of the significant historic sites.



Vermont's Green Mountains from Mt. Killington on the Appalachian Trail. The trail deserves protection along its 2,000-mile course through 13 States.

VONDELL, GREEN MOUNTAIN CLUB.

VERMONT	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Recreation areas:																												
Union Village Reservoir.....	34N	1,282	15	x											x				x	x	x	x	x	x	x	x		
North Hartland Reservoir.....	45N	1,255	140	x											x	x			x	x	x	x	x	x	x	x		
North Springfield Reservoir.....	53N	1,232	175	x											x	x			x	x	x	x	x	x	x	x		
Ball Mountain Reservoir.....	57N	946	20	x											x				x	x	x	x	x	x	x	x		
Forest: Green Mountains National Forest.....	30N	231,825	M	x		x		x			x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x
Wildlife area: Mississquoi National Wildlife Refuge..	1N	3,700	L	A								x			x									x	x	x		
STATE																												
Parks:																												
Carmi State Park (4).....	2S	45	M	A											x				x	x		x	x					
Hazen's Notch State Park (4).....	4S	140						x			x				x	x			x	x	x							
Crystal Lake State Park.....	5S	15	M	A											x				x				x	x				
Brighton State Park.....	6S	98	M	A											x				x			x	x	x				
Darling State Park.....	10S	1,705						x			x				x	x			x	x	x						x	
Elmore State Park.....	11S	427	M	A				x							x				x	x		x	x	x				
St. Albans State Park.....	17S	45	L	A											x				x			x	x	x				
Burton Island State Park (4).....	18S	300	L	A											x	x			x	x	x	x	x	x				
Grand Isle State Park.....	20S	92	L	A											x	x			x		x	x	x	x				
Sand Bar State Park.....	21S	10	L	A											x	x			x	x	x	x	x	x				
Monroe State Park (4).....	22S	222						x			x				x	x	x		x	x	x							
Allis State Park.....	26S	470						x							x				x	x	x							
Ainsworth State Park (4).....	27S	432						x			x				x	x			x	x	x							
Mount Philo State Park.....	28S	160									x				x				x	x								
Button Bay State Park (4).....	29S	215	L	A							x				x	x	x		x	x	x	x	x	x		x		
Granville Gulf State Park.....	32S	1,190						x			x				x				x	x	x							
Rood State Park (4).....	35S	21						x							x				x	x					x			
Branbury State Park.....	36S	98	M	A				x							x				x		x	x	x	x				
D.A.R. State Park.....	37S	120	L	A											x				x		x	x	x					
Bomoseen State Park.....	39S	400	M	A											x	x			x	x	x	x	x					
Gifford Woods State Park.....	41S	108						x			x				x				x	x	x							
Silver Lake State Park.....	43S	26	M	A											x				x				x	x				
Ascutney State Park.....	51S	1,530						x			x				x	x	x	x	x	x	x					x	x	
Wilgus State Park.....	52S	129						x							x				x									
St. Catherine State Park.....	55S	16	M	A											x				x			x	x	x				
Emerald Lake State Park.....	56S	462	36	x				x							x	x			x	x	x	x	x					
Jamica State Park.....	58S	12						x							x				x				x					
Molly Stark State Park.....	63S	158						x			x				x	x			x		x							
Dutton Pines State Park.....	64S	12						x							x				x	x								
Recreation areas:																												
Jay State Forest Recreation Area.....	3S	500						x			x				x		x										x	
Maidstone State Forest Recreation Area.....	8S	100	M	A				x			x				x	x			x	x	x	x	x	x				
Mount Mansfield State Forest Recreation Area..	13S	2,000						x			x		x	x	x	x	x	x	x	x	x	x			x	x	x	
Groton State Forest Recreation Area.....	25S	300	M	A				x			x				x	x	x		x	x	x	x	x	x		x		
Thetford Hill State Forest Recreation Area....	33S	362						x							x				x	x	x							
Coolidge State Forest Recreation Area.....	46S	1,500						x			x				x	x			x	x	x							
Okemo Mountain State Forest Recreation Area..	54S	500						x			x				x	x	x										x	
Townshend State Forest Recreation Area.....	59S	30						x			x				x				x	x	x		x	x				
Monuments: Historic:																												
President Chester A. Arthur Birthplace.....	16S												x		x													
Hyde Log Cabin.....	19S												x		x													
Mount Independence.....	38S	121											x		x													

See footnotes at end of table.

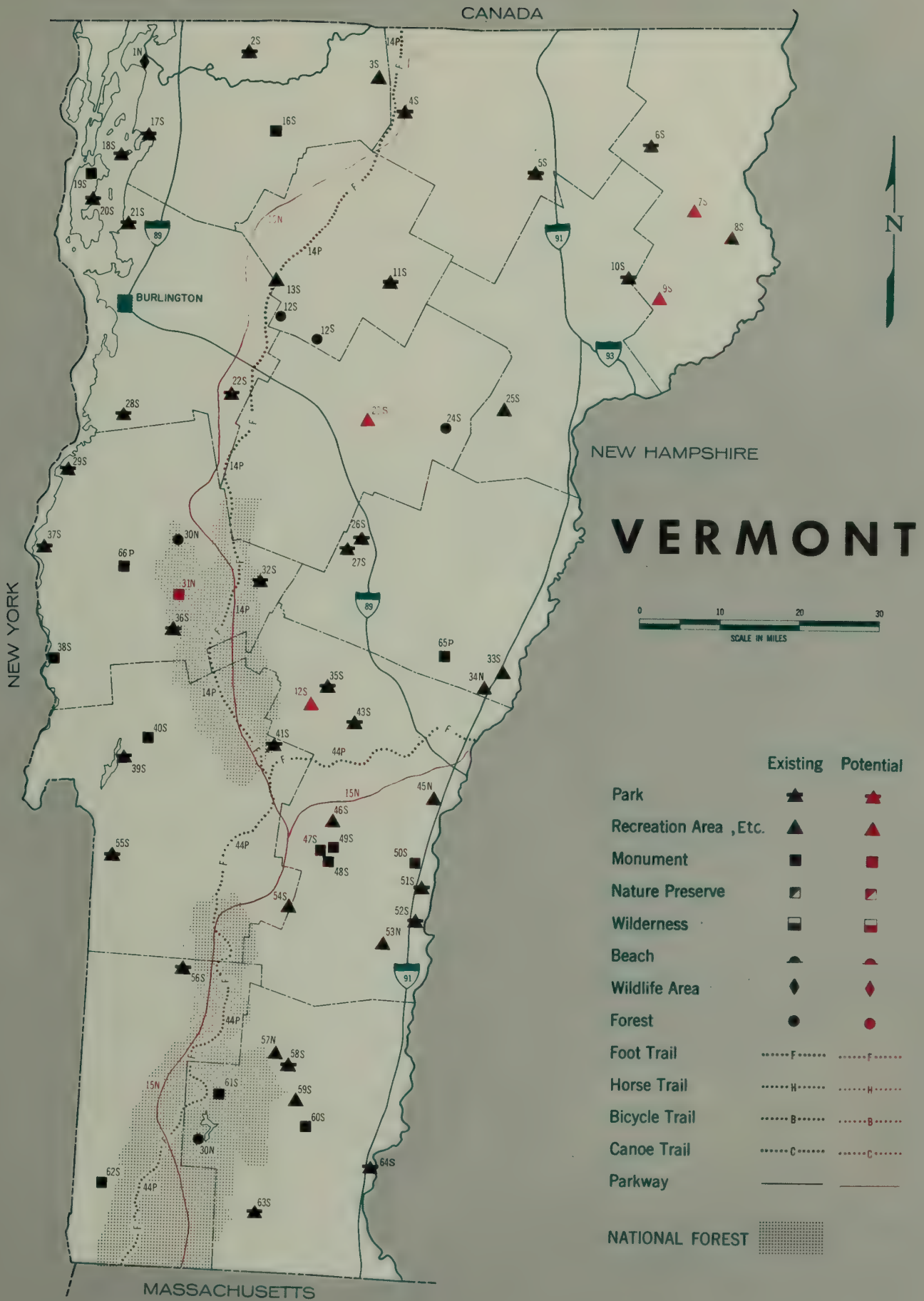
VERMONT	Number on map	Acreage		Significant features										Type of use				Activities										
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Monuments: Historic—Continued																												
Hubbardton Battlefield	40S	50										x		x														
President Coolidge Homestead	47S											x		x														
Wilder House	48S											x		x														
Vermont Farmer's Museum	49S											x		x														
Old Constitution House	50S											x		x														
Scott Covered Bridge	60S											x		x														
Daniel Webster Memorial	61S											x		x														
Bennington Battle Monument	62S											x		x														
Forests:																												
Mount Mansfield State Forest	12S	18,936				x		x			x			x					x				x	x	x			
Groton State Forest	24S	15,190	M	x		x		x			x			x					x				x	x	x			
MAJOR QUASI-PUBLIC AND PRIVATE																												
Monuments: Historic:																												
Justin S. Morrill Home	65P											x		x		x	x											
Middlebury College	66P											x		x		x	x											
Foot trails:																												
Long Trail	14P	160 mi.				x		x			x	x		x	x	x	x	x	x	x			x	x	x		x	
Appalachian Trail (5)	44P	105 mi.				x		x			x	x		x	x	x	x	x	x	x			x	x	x		x	
POTENTIAL AREAS																												
NATIONAL																												
Monument: Historic: Robert Frost (3)	31N											x		x														
Parkway: Appalachian (Green Mountain portion) (3)	15N	221 mi.						x			x			x	x	x		x		x								
STATE																												
Recreation areas:																												
Victory Reservoir	9S	24,700	1,300	x	x	x		x			x			x	x				x	x	x	x	x	x				
Gaysville Reservoir (3)	42S	4,500	400		x	x		x			x			x	x				x	x	x	x	x	x				
Wrightsville Reservoir (4)	23S	938	90		x									x					x	x	x	x	x	x	x			

- (1) Where acreage not shown:
 “M” indicates water surface of 500 to 10,000 acres.
 “L” indicates water surface over 10,000 acres.
- (2) “A” indicates all or major portions of water surface acreage is adjacent to area.
- (3) Suggested area—qualifications not wholly determined. Further study required.
- (4) Undeveloped area.
- (5) Major portion overlaps Long Trail.



Mountain-set Plymouth, Vermont, birthplace of President Coolidge. State and local planning is needed to protect New England's quiet charm.

VERMONT DEVELOPMENT DEPARTMENT.



The Allegheny Mountains, West Virginia





THE SOUTH

The 16 States in this census region cover a wide range of physiographic and socioeconomic variations, yet in spite of great diversity, the Southern States have so much in common that they constitute perhaps the most homogeneous section of the United States. The economic and social structure of the area varies from large, fast-growing cities to isolated mountain communities. Outdoor recreation resources include forested mountains, sweeping seashore, eroded canyons, lakes and streams, and huge water impoundments.

Physiographically, mountains and seashore dominate the scene. Hundreds of miles of Atlantic and gulf coastline fall within this region and are fringed with long, narrow barrier beaches and low sea islands. These magnificent beach and coastline qualities have encouraged the creation of such world-famous resorts as those found at Virginia Beach, Myrtle Beach, and Miami Beach.

The Appalachian Mountains, traversing much of the region from northeast to southwest, feature the Blue Ridge Mountains, the Great Smokies, the Cumberland Mountains, and the Alleghenies. The region also has the Ozarks and Ouachita Mountains.

The climate is generally milder than in most of the country. Delightfully cool summers in the Appalachians and Ozarks attract a multitude of vacationers. The ocean surf and the hundreds of miles of smooth sandy beaches attract hordes of visitors to the Atlantic and gulf coasts during the hot summer months. Balmy weather, bright sunshine, and warm ocean currents have made Florida a winter playground of the Nation. In the mountainous regions of the South, the winter months usually produce enough snow and cold weather to encourage the development of winter-sport facilities and the enjoyment of winter scenery.

Population distribution and concentrations have particular significance. The region includes a portion of the east coast megalopolis, from Delaware south through the Virginia coastal plain. At the other

extreme are sparse populations in parts of Texas and Oklahoma. The pattern of growth is striking. Florida, for example, had the highest rate of increase in the Nation during the last decade, while other parts of the region remained essentially unchanged and will probably continue to grow at a rate well below the national average. Approximately 31 percent of the total population resides in the region.

The economy of this region is perhaps as widely diversified as any—heavy industry, manufacturing, mining, forest products, gas and oil, a diversity of specialized agriculture, and of course shipping along the coast in addition to rail, highway, and river transportation. The outdoor recreation and tourist industry ranks high, especially along the seashore and in the mountain resort country.

While the economy shows healthy growth generally, this region does include some of the most stubborn areas of depressed economy, especially in West Virginia, southwestern Virginia, and eastern Kentucky. In these same sections, however, outdoor recreation is increasingly important, and eventually may make a major contribution in stabilizing the economy. In West Virginia alone, there are resources that if properly preserved and developed will attract many millions of visitors from nearby States. Another economically depressed area includes central and eastern Oklahoma and extends south into eastern Texas. Here outdoor recreation can be one of the principal means of upgrading the economy and increasing employment.

The pattern of outdoor recreation use accents a desire for water-oriented activities. Because of this the seashore assumes major importance. Inland lakes and streams also provide water-oriented activities, and reservoir impoundments have become firmly established as an essential part of the recreation picture. Also of major importance in the overall recreation picture is the accessibility of the mountain



From palm-fringed seashore to mountain cataract, the South offers a wide range of park and recreation opportunities. This seascape is of Hunting Island State Park, S.C.

SOUTH CAROLINA STATE COMMISSION OF FORESTRY.

areas with their rushing streams, forested slopes, and abundant wildlife.

Notable tourist attractions of the region include national parks, a national seashore, parkways, and historical areas of outstanding national significance, together with State and local park systems. All of these recreation facilities receive extremely heavy use in season, with the influx of vacationers magnifying the needs in several States for recreation areas and facilities far beyond what would be required by their residents alone. In some instances the greatly increased need for day- and weekend-use facilities has been recognized and steps have been taken to fulfill these requirements. In other areas, little attention to this pressing problem has been given. This is a region with world-famous vacation objectives, and one in which touring for pleasure has long been popular—keyed to enjoyment of the natural scene,

but with strong interest in the rich history which stretches back to the earliest colonial days.

The March 1962 storm along the Atlantic coast wreaked havoc upon structures and the shoreline in general from Delaware and Maryland to the Carolinas. Out of this disaster it is possible that some good may be salvaged if a way can be found to set aside for public recreation those hard-hit areas having outstanding scenic and recreational values.

Private enterprise has played a major role in providing facilities, services, and accommodations to visitors in this region, and will continue to lead in this field as the public demand for recreation opportunities increases. This effort to assist public agencies in meeting recreation needs is especially pronounced on the TVA lakes. In addition, private groups and philanthropic foundations, such as Colonial Williamsburg, Inc., and the Association for the Preservation of

Virginia Antiquities, have played a major role in preservation, restoration, and interpretation of historic sites.

Public efforts must be stepped up to preserve large areas in a relatively natural condition. The opportunity to do so and to serve urban centers is rapidly passing.

Generally, recreation opportunities are accessible by existing road systems, and it is expected that improvements in the systems will make additional resources accessible as they are developed. The new interstate highways will, of course, provide better access to State recreation facilities for their residents. These routes should also speed tourists from heavily populated areas to distant recreation areas.

Public park and recreation programs vary in terms of diversity and adequacy, but in few, if any, cases can they fully meet the demand. In some respects the balance has been toward preservation of both historical and natural areas, although much still needs to be done.

In general, these are not public land States. The longer history of settlement here has long since foreclosed more of the original natural opportunities than is the case in younger sections of the country. Unfortunately, this is particularly true in relation to the primary outdoor recreation resource of the region—the seashore.

Overall, a few broad conclusions stand out. The overriding need is for open space and outdoor recreation opportunities to serve large concentrations of people, so located and of such diversity that they can become a part of everyday living.

Outstanding natural and historic sites should be acquired promptly where they are not already preserved. These will play some part in meeting needs, but many areas must be selected and developed specifically for the purpose. Along the coast, remaining opportunities are few indeed. Much of the solution, therefore, will lie inland, with a special focus on natural or artificial bodies of water.

The composite plan must be diversified, taking full advantage of many formulas or devices to supplement basic park programs—to recognize the different types and quality of experience people want, and to preserve, so far as possible, an attractive countryside for living.



Fall Creek Falls State Park, Tenn.

TENNESSEE CONSERVATION AND COMMERCE DEPARTMENT.

Planning on an interstate and regional scale is imperative, and the State summaries that follow reflect this concept.

Private enterprise should be encouraged to continue to play a major part. However, public programs play an important role in insuring preservation of significant assets and in providing space and facilities for the simple outdoor activities. These, in most cases, do not represent attractive investment opportunities for private capital.

ALABAMA

ALABAMA lies partly in the Appalachian highlands and partly in the gulf coastal plain. The State's rich and varied resources include abundant fish and game, vast waterpower reserves, and extensive forests. These are resources that can contribute to diversified outdoor recreation.

A 33-percent rise in urban population was recorded during the last decade, making the total population 3,266,740. This marked trend is expected to continue, bringing the State population to 3,575,000 by 1976. The population is over 54 percent urban and the average density is 64.0 people per square mile. Birmingham, Mobile, Montgomery, and Gadsden are centers of the most densely populated areas.

The tourist industry is beginning to take on statewide significance. In 1960 the industry had an estimated value of \$130 million. Agriculture and industrial developments continue to provide the principal economic base, with Mobile, on the gulf coast, acting as an important deep-water terminal.

State and county highways provide access to all of the major developed recreation regions. The new Interstate System will bring the scenic mountain and gulf coast regions within weekend reach of many, and provide better access to a number of the existing parks and recreation areas.

The forested uplands and the gulf shore can provide ample opportunity for outdoor enjoyment.

Gradual variations in climate favor a long outdoor season. Coastal areas and the northern uplands are favorite retreats from prolonged heat spells. Numerous large water impoundments supplement the natural resources found in this State.

Historic interest centers on Spanish expeditions, early French settlements, and Civil War events. The

Confederate Capitol in Montgomery, Fort Morgan in Mobile, and Fort Toulouse possess exceptional historical value.

Upland bird hunting is good and fishing excellent. Turkey hunting in the southwest has attracted national interest.

EXISTING PUBLIC AREAS

NATIONAL: The National Park Service administers a national military park, a national monument, and a national parkway (chiefly in Mississippi and Tennessee). They contain 3,313 acres, and the 1960 attendance was 23,300. The 4 national forests, totaling 631,029 acres, had an attendance of 199,000 in 1960. There are 99 acres in 26 developments for recreation use. The Bureau of Sport Fisheries and Wildlife administers one national wildlife refuge of 34,988 acres. Visits in 1960 amounted to 166,400. Two reservoirs (partly in adjacent States), with 83,500 water acres in Alabama, 40 access points, and a 1960 attendance of 1,034,000 are operated by the Corps of Engineers. The Tennessee Valley Authority administers 4 reservoirs (one partly in Tennessee) with 194,930 water-acres in Alabama, 59 access points, and a 1960 attendance of 17,314,700.

STATE: The Division of State Parks administers 35 parks and related areas, with a total of 43,479 acres. The 1960 attendance was 2,835,975. The Division of Forestry has eight forests, totaling 14,248 acres. One forest has two recreation areas. The Division of Game and Fish administers 30 areas for public hunting and fishing with a total of 5,333 acres. The Alabama State Highway Department administers eight roadside parks amounting to 16 acres.



Fort Toulouse, at the confluence of the Coosa and Tallapoosa Rivers, served as the eastern outpost of French Louisiana from 1717 to 1763. The treaty ending the Creek War was signed at Fort Jackson, built on the site of old Fort Toulouse by Andrew Jackson in 1814. The site is a Registered National Historic Landmark.

LOCAL: There are no significant nonurban local areas.

PRIVATE ENTERPRISE: An increasingly important role is being played by private enterprise in providing visitor accommodations and facilities along the gulf coast and at large reservoirs.

Industry and a private power company have in one instance worked together to create a recreation area on a previously undeveloped lakeshore.

PARK AND RELATED NEEDS

The significant upward trend of urban population accentuates the urgency for more day-use facilities near metropolitan centers and to a lesser degree near the smaller cities and towns. Acquisition for park purposes of additional gulf coast frontage and lands adjoining major reservoirs is of paramount importance.

The State park system, while reasonably well established, provides only 13 acres for each 1,000 people based on 1960 population. Even if ideally distributed and developed, this would serve only a fraction of the needs especially in the absence of major nonurban local parks. At present there is an unevenness in development and distribution of the areas in the State system. Also, more emphasis to historic and archeologic sites and preservation of natural features is desirable. Potential areas identified in this plan as being of State significance total 18,935 acres, and those of local significance amount to 3,040 acres. Additional areas will be needed to meet the demand by 1976.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. Vigorous action on the part of the agencies concerned is urged to secure needed outdoor recreation opportunities for public enjoyment and use. To help achieve this important goal, the following recommendations are offered.

NATIONAL: Give further study toward establishment of Fort Toulouse as a national monument.

STATE: Enlarge the State park system to protect significant resources by addition of four recreation areas and five monuments. It is suggested that there be further study of eight areas.

LOCAL: Establish one recreation area, and give further study to four suggested areas.

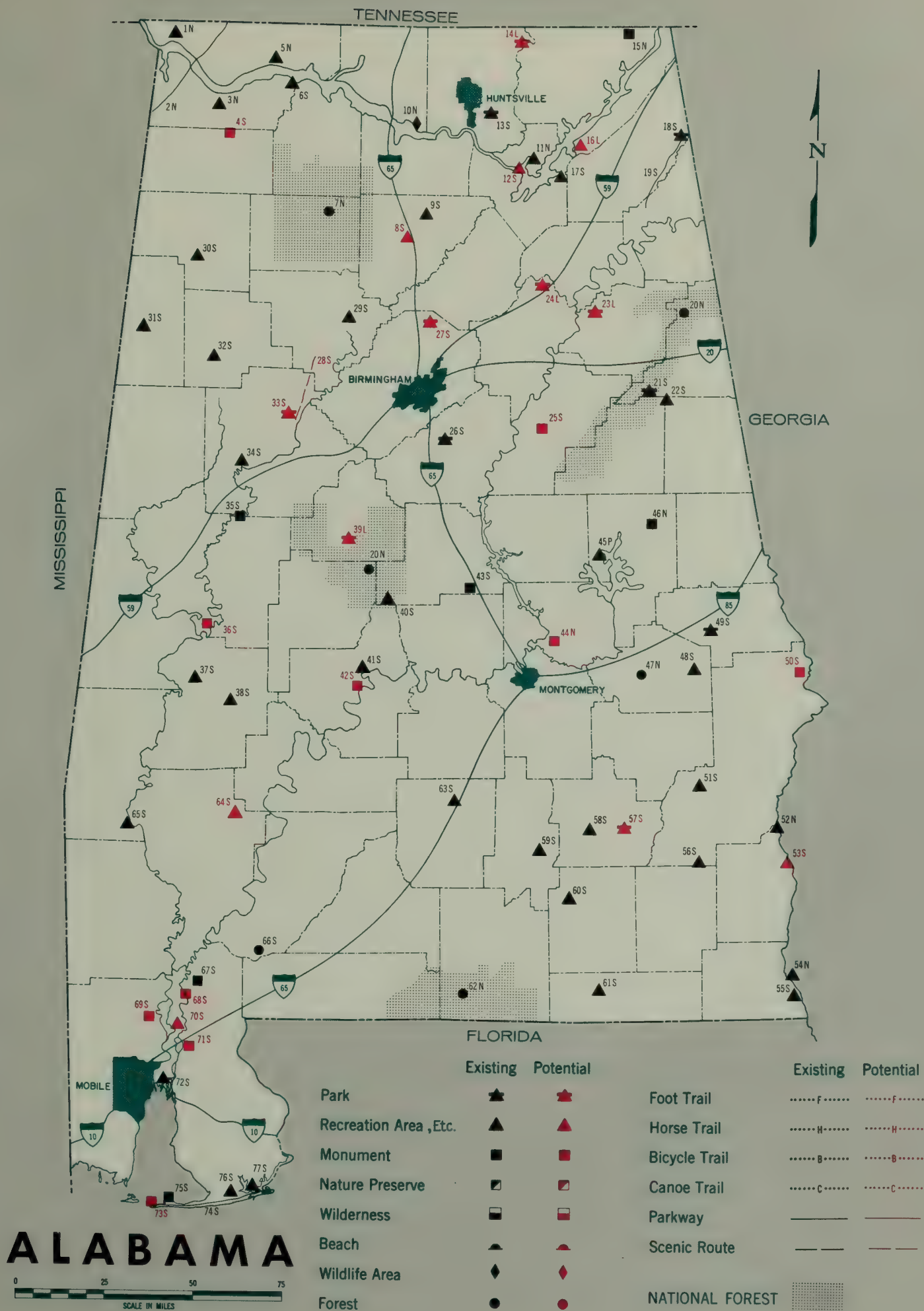
Supporting recommendations include—

1. Investigation of the feasibility of expanding recreational opportunities at State-managed public fishing lakes.
2. Provision for additional waysides along major highways and establishment of a system of scenic roads that will permit leisurely enjoyment of the landscape.

ALABAMA	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Recreation areas:																												
Pickwick Lake Reservoir (Alabama portion)	1N	63, 677	42, 800	. .	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	x	x	x	. .	. .	x	x	x	. .	. .	. .	. .
Wilson Lake Reservoir	3N	. . . . .	15, 930	. .	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	x	x	x	. .	. .	x	x	x	. .	. .	. .	. .
Wheeler Lake Reservoir	5N	103, 469	67, 100	. .	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	x	x	x	. .	. .	x	x	x	. .	. .	. .	. .
Guntersville Lake Reservoir (Alabama portion)	11N	109, 514	69, 100	. .	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	x	x	x	. .	. .	x	x	x	. .	. .	. .	. .
Walter F. George Reservoir (Alabama portion)	52N	. . . . .	46, 000	. .	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	x	x	x	. .	. .	x	x	x	. .	. .	. .	. .
Jim Woodruff Reservoir (Alabama portion)	54N	66, 388	37, 500	. .	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	x	x	x	. .	. .	x	x	x	. .	. .	. .	. .
Monuments:																												
Scientific: Russell Cave National Monument	15N	310	. . . . .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	x	x	. .	x	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
Historic: Horseshoe Bend National Military Park	46N	2, 040	. . . . .	. .	. .	x	. .	. .	. .	. .	. .	. .	x	. .	x	. .	x	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
Forests:																												
William B. Bankhead National Forest	7N	178, 736	. . . . .	. .	. .	. .	. .	x	. .	. .	x	x	. .	x	x	x	x	. .	x	x	x	x	x	x	x	x	x	. .
Talladega National Forest	20N	357, 726	. . . . .	. .	. .	. .	. .	x	. .	. .	x	x	. .	x	x	x	x	. .	x	x	x	x	x	x	x	x	x	. .
Tuskegee National Forest	47N	10, 777	. . . . .	. .	. .	. .	. .	x	. .	. .	. .	x	. .	x	x	x	x	. .	x	. .	. .	. .	. .	x	x	. .	. .
Conecuh National Forest	62N	83, 790	. . . . .	. .	. .	. .	. .	x	. .	. .	. .	x	. .	. .	x	x	x	. .	x	x	x	x	x	x	x	x	x	. .
Wildlife area: Wheeler National Wildlife Refuge	10N	34, 988	. . . . .	. .	x	. .	. .	x	. .	. .	. .	x	. .	. .	x	. .	. .	. .	. .	. .	. .	. .	x	. .	x	. .	. .
Parkway: Natchez Trace Parkway (Alabama portion)	2N	8 mi.	. . . . .	. .	. .	. .	. .	x	. .	. .	x	. .	x	. .	x	. .	x	x	x	. .	. .	. .	. .	. .	. .	. .	. .	. .
STATE																												
Parks:																												
Monte Sano State Park	13S	2, 042	. . . . .	. .	. .	. .	. .	x	. .	. .	. .	. .	. .	. .	x	x	. .	x	x	x	x	. .	. .	. .	. .	x	. .	. .
DeSoto State Park	18S	4, 825	. . . . .	. .	. .	x	. .	x	. .	. .	x	x	. .	x	x	x	. .	x	x	x	x	x	x	x	x	x	x	. .
Cheaha State Park	21S	2, 719	6	x	. .	. .	. .	x	. .	. .	. .	x	. .	. .	x	x	. .	x	x	x	x	x	x	x	x	x	x	. .
Oak Mountain State Park	26S	9, 940	103	x	. .	. .	. .	x	. .	. .	. .	x	. .	. .	x	x	. .	x	x	x	x	x	x	x	x	. .	. .	. .
Chewacla State Park	49S	877	26	x	. .	. .	. .	x	. .	. .	. .	x	. .	. .	x	x	. .	x	x	x	x	x	x	x	x	x	x	. .
Recreation areas:																												
Joe Wheeler State Park	6S	2, 200	67, 100	. .	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	x	. .	x	x	. .	x	x	x	x	. .	. .	. .	. .
Cullman County Public Lake	9S	160	32	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	. .	x	x	. .	. .	x	x	x	. .	. .	. .	. .
Little Mountain State Park	17S	4, 000	69, 100	. .	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	x	. .	x	x	. .	x	x	. .	x	. .	. .	. .	. .
Clay County Public Lake	22S	417	51	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	x	. .	x	. .	. .	x	. .	x	. .	. .	. .	. .
Walker County Public Lake	29S	460	162	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	. .	. .	x	. .	. .	x	. .	x	. .	. .	. .	. .
Marion County Public Lake	30S	380	45	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	x	. .	x	. .	. .	x	x	x	. .	. .	. .	. .
Lamar County Public Lake	31S	195	75	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	x	. .	x	. .	. .	x	. .	x	. .	. .	. .	. .
Fayette County Public Lake	32S	255	60	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	. .	. .	x	. .	. .	x	. .	x	. .	. .	. .	. .
Tuscaloosa County Public Lake	34S	1, 613	250	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	x	. .	x	. .	. .	x	. .	x	. .	. .	. .	. .
Chickasaw State Park	37S	560	. . . . .	. .	. .	. .	. .	x	. .	. .	. .	x	. .	. .	x	. .	. .	. .	x	. .	. .	. .	. .	. .	. .	. .	. .	. .
Marengo County Public Lake	38S	290	40	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	. .	. .	x	. .	. .	x	. .	x	. .	. .	. .	. .
Valley Creek State Park	40S	1, 080	96	x	. .	. .	. .	x	. .	. .	. .	x	. .	. .	x	. .	x	x	x	. .	. .	x	x	x	. .	. .	. .	. .
Dallas County Public Lake	41S	306	100	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	x	. .	x	. .	. .	x	. .	x	. .	. .	. .	. .
Tuskegee Lake	48S	200	100	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	. .	. .	x	. .	. .	x	. .	x	. .	. .	. .	. .
Barbour County Public Lake	51S	250	90	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	x	. .	x	. .	. .	x	. .	x	. .	. .	. .	. .
Chattahoochee State Park	55S	596	80	x	. .	. .	. .	x	. .	. .	. .	x	. .	. .	x	. .	. .	x	x	. .	. .	. .	. .	x	. .	. .	. .	. .
Dale County Public Lake	56S	355	92	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	x	. .	x	. .	. .	x	. .	x	. .	. .	. .	. .
Pike County Public Lake	58S	407	45	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	. .	. .	x	. .	. .	x	. .	x	. .	. .	. .	. .
Crenshaw County Public Lake	59S	240	53	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	. .	. .	x	. .	. .	x	. .	x	. .	. .	. .	. .
Coffee County Public Lakes	60S	202	80	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	x	. .	x	. .	. .	x	. .	x	. .	. .	. .	. .
Geneva County Public Lake	61S	388	62	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	. .	. .	x	. .	. .	x	. .	x	. .	. .	. .	. .
Butler County Public Lake	63S	289	42	x	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	x	. .	x	. .	x	. .	. .	x	. .	x	. .	. .	. .	. .
Bladon Springs State Park	65S	357	. . . . .	. .	. .	. .	. .	x	. .	. .	. .	x	. .	. .	x	. .	x	. .	x	. .	. .	. .	. .	. .	. .	. .	. .	. .
Meaher State Park	72S	300	. . . . .	A	. .	. .	. .	x	. .	. .	. .	x	. .	. .	x	. .	x	x	. .	. .	. .	x	x	x	. .	. .	. .	. .
Gulf State Park	76S	5, 687	1, 500	x	. .	. .	x	. .	. .	. .	. .	. .	. .	. .	x	x	x	x	x	x	x	x	x	x	x	x	x	. .
Alabama Point	77S	25	. . . . .	. .	. .	. .	x	. .	. .	. .	. .	. .	. .	. .	x	. .	. .	x	x	. .	. .	x	x	. .	. .	. .	. .	. .

See footnotes at end of table.

- (1) Where acreage not shown: "L" indicates water surface over 10,000 acres.
- (2) An "A" indicates all or major portions of water surface acreage is adjacent to area.
- (3) Eligible for Registered National Historic Landmark status.
- (4) Suggested area—qualifications not wholly determined; further study required.



ARKANSAS

A RKANSAS is generously endowed with outdoor recreation resources to serve central United States from the Gulf of Mexico to the Great Lakes.

Arkansas was one of three States to experience a decrease of total population between 1950 and 1960. The loss occurred in rural areas and small communities. Urban population increased 21 percent. Density ranges from 6.9 in Montgomery County to 316.6 in Pulaski County. Projections indicate State population will decrease from 1,786,272 in 1960 to 1,406,000 by 1976.

Agriculture is the leading industry, amounting to \$700 million a year. Manufacturing and forest products together rank second, with tourism a significant third at an estimated \$427 million per year.

The State highway system provides good access to all recreation areas. Rail and air facilities make connections to major resort areas such as Hot Springs.

Arkansas has extensive mountains, attractive streams and artificial lakes, abundant fish and wildlife, extensive forests, interesting geology and history. Year-round outdoor activities can be enjoyed in a climate that is warm and humid in the summer and mild in the short winter season.

The terrain ranges from mountains in the northwest to river plains in the southeast. More than half the State is forested, with 15 percent in public ownership.

Lakes and streams cover 822 square miles, with nearly 3,000 miles of navigable rivers. Spring-fed mountain streams run clear most of the year. Diversified hunting is of regional and State interest, and the recreational use of the Mississippi Flyway for photography and nature study has great potential. Archeo-

logical evidence, several thousand years old, adds to a history dating from De Soto's discovery in 1541.

EXISTING PUBLIC AREAS

NATIONAL: The National Park Service administers one national park of 989 acres and one national military park of 4,211 acres. The 1960 attendance was 719,100. The Forest Service administers 3 national forests totaling 2,388,949 acres, with 28 areas developed for recreation. The 1960 attendance was 1,824,400. The Bureau of Sport Fisheries and Wildlife administers four national wildlife refuges with a total of 133,269 acres. There are six Corps of Engineer reservoirs (two partly in adjacent States) that have a total of 194,050 water-acres in Arkansas. The attendance figure for 1960 was 6,755,900.

STATE: The State Publicity and Parks Commission administers 19,123 acres in 14 parks that had a total attendance of 2,993,800 in 1960. There are 111 roadside parks under the State Highway Department.

LOCAL: There are three nonurban city parks totaling 1,862 acres and two water-supply reservoirs with 3,850 water-acres.

PRIVATE ENTERPRISE: Recreation accommodations and facilities for considerable numbers of people are provided by private enterprise in the mountains, along streams and rivers, and at major reservoirs.

On many natural and manmade lakes, private holdings seriously reduce public access and use. Substantial forest holdings of major wood industries

are open to public hunting and related recreational activities.

PARK AND RELATED NEEDS

Recreational development in better relation to population distribution is a critical need. Future Corps of Engineers projects in the northeast and near the southwest corner of the State will partially fill this need. To meet the growth of demand, full utilization of the potential of present and future impoundments will be required.

Free-flowing streams are an irreplaceable part of the distinctive natural scenery of the State, and their preservation for public recreation is desirable to balance the role of artificial impoundments.

Arkansas' creditable State Park system falls short in numbers and scope of areas when considering its potential. It should be properly representative of the State's important and diversified scenery, natural features, and human history. Its facilities are over-taxed, impairing park resources in several areas.

The delta communities and the larger cities are especially lacking in recreation facilities.

Population projections indicate that the midlands of America will exceed 50 million by the year 2000. The shift to urbanization, industrial development, and the influx of retired and semiretired people attracted by climate and recreation opportunities are important considerations in Arkansas' future recreation needs.

Existing State recreation areas now provide 19,123 acres for the 1,786,000 residents, and local parks provide 1,800 acres. Potential areas identified in this plan total 31,100 acres of State significance and 4,000 acres of local significance. Even if all these potential areas are acquired and developed, there will remain an unfilled need, and additional areas should be selected and developed to provide well-distributed and adequate State and local parks by 1976.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. Vigorous action by agencies concerned is urged to implement the following recommendations, offered to help provide needed outdoor recreation opportunities.

NATIONAL: Establishment of Fort Smith National Historic Site and Arkansas Post National Memorial

as authorized by Congress. Establishment of a Buffalo National River.

STATE: Expansion of the State park system to protect valuable resources by addition of four parks, seven monuments, three recreation areas, and further study of four recreation areas, four monuments, and four nature preserves as possible additions to the system. Designation and protection of eight scenic roads and three free-flowing streams. Expansion of acreage and facilities in certain existing parks.

LOCAL: Further study on the establishment of three recreation areas and one scientific monument.

Supporting recommendations include—

1. Expansion of the staff of the State Publicity and Parks Commission to include professional park planners.
2. Enactment of legislation to establish scenic routes and provide a statewide system of interpretive waysides to present the "Arkansas story," with descriptive material on State history, natural history, geology, and economics.
3. Continued planning and development of the Great River Road in cooperation with the Governor's Commission.
4. Enactment of Federal and State legislation to assure sufficient shorelands in public ownership on all impoundments to serve recreation needs and preserve scenic, scientific, and historic features.
5. Development and maintenance of adequate way-side parks along State highways. Where highway rights-of-way are adjacent to or cross streams or lakes, provision for public access to these waters and construction of launching ramps and parking areas.
6. Encouragement to counties and community subdivisions to establish recreation areas and provision of technical assistance through the Publicity and Parks Commission.
7. Establishment of an adequate system of nature preserves within the State park system and through conservation organizations to include caves, the original Grand Prairie vegetation, the Ozark white oak forest, and a swamp habitat.



The Buffalo River, one of Arkansas' most renowned free-flowing streams, merits protection as a national river.

ARKANSAS	Number on map	Acreage		Significant features										Type of use			Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Park: Hot Springs National Park.....	47N	989						x			x	x	x	x	x	x	x	x	x	x						x			
Recreation areas:																													
Beaver Reservoir.....	5N		26, 250	x			x				x			x	x	x	x	x		x	x	x	x			x			
Bull Shoals Reservoir.....	11N		40, 400	x			x				x			x	x	x	x	x		x	x	x	x			x			
Norfolk Reservoir.....	14N		19, 300	x			x				x			x	x	x	x	x		x	x	x	x			x			
Greer's Ferry Reservoir.....	26N		31, 000	x			x				x			x	x		x	x			x	x	x						
Dardanelle Reservoir.....	32N		37, 000	x			x				x			x			x	x			x	x	x						
Lake Ouachita Reservoir.....	45N		40, 100	x			x				x			x	x	x	x	x		x	x	x	x			x			
Monument: Historic: Pea Ridge National Military Park.....	4N	4, 211					x				x	x	x	x		x	x		x							x			
Forests:																													
Ozark National Forest.....	30N	1, 046, 649		x	x	x		x			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	
Ouachita National Forest.....	43N	1, 321, 689		x	x	x		x			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	
St. Francis National Forest.....	63N	20, 611				x		x			x	x	x	x	x	x	x		x	x	x	x	x	x	x				
Wildlife areas:																													
Big Lake National Wildlife Refuge.....	23N	9, 692		x							x			x					x			x		x		x			
Holla Bend National Wildlife Refuge.....	27N	4, 068				x					x			x											x		x		
Wapanocca National Wildlife Refuge.....	24N	3, 119	S	x							x			x											x		x		
White River National Wildlife Refuge.....	62N	116, 390				x		x			x	x		x	x	x	x					x		x		x		x	
STATE																													
Parks:																													
Buffalo River State Park.....	13S	1, 948				x		x			x	x	x	x	x	x	x	x	x	x	x	x	x	x		x			
Crowley's Ridge State Park.....	21S	265	S	x				x			x	x		x	x	x	x	x	x	x	x	x	x	x					
Petit Jean State Park.....	27S	4, 100	100	x				x			x	x	x	x	x	x	x	x	x	x	x		x	x		x			
Mount Nebo State Park.....	31S	3, 385						x			x	x		x	x	x	x	x	x	x	x		x			x			
Devil's Den State Park.....	36S	4, 885	S	x		x		x			x	x		x	x	x	x	x	x	x	x	x	x	x		x		x	
Queen Wilhelmina State Park.....	40S	640						x			x	x		x	x	x	x	x	x	x	x					x			
Recreation areas:																													
Bull Shoals State Park.....	12S	994	40, 400	A	x			x				x		x	x	x	x	x	x	x	x	x	x	x		x			
Daisy State Park.....	44S	275	7, 260	A				x			x	x		x	x	x		x	x	x	x	x	x	x		x			
Lake Ouachita State Park.....	46S	370	40, 100	A				x			x	x		x	x	x	x	x	x	x	x	x	x	x		x			
Lake Catherine State Park.....	49S	2, 179	2, 600	A				x			x	x		x	x	x	x	x	x	x	x	x	x	x		x			
Lake Chicot State Park.....	69S	45	M	A				x			x	x	x	x	x	x		x	x		x	x	x	x		x			
Monuments: Historic:																													
Old Davidsonville State Monument.....	20S	30											x		x		x	x	x		x								
Herman Davis State Monument.....	24S	1											x		x		x	x											
Arkansas Territorial Capital Restoration.....	57S	6											x		x		x	x											
MAJOR LOCAL																													
Recreation areas:																													
Lake Fort Smith.....	35L	285	915	A				x				x			x				x	x			x	x		x			
Sugar Loaf Resort.....	38L		350	x				x				x			x				x	x			x	x		x			
Lake Maumelle.....	52L		3, 500	x				x				x			x				x	x			x	x		x			
Burns Park.....	54L	1, 527				x		x				x			x				x	x			x	x		x			
Clarendon Beach.....	60L	50				x									x				x	x			x	x		x			
POTENTIAL AREAS																													
NATIONAL																													
River: Buffalo.....	9N	250, 000	120 mi.			x		x			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	
See footnotes at end of table.																													

See footnotes at end of table.

ARKANSAS	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
NATIONAL—Continued																												
Monuments: Historic:																												
Fort Smith (4).....	37N	15				x						x	x	x		x	x											
Arkansas Post (4).....	68N	740	S	x		x						x		x		x	x	x				x		x				
STATE																												
Parks:																												
Kings River.....	6S	1,000				x		x			x	x			x	x		x	x	x	x	x	x	x		x		
Springs River.....	16S	1,000				x		x			x	x			x	x		x	x	x	x	x	x	x		x		
Mill Creek.....	34S	3,000				x		x			x	x			x	x	x	x	x	x						x		x
Sugarloaf Mountain.....	39S	3,000						x			x	x			x	x	x	x	x	x						x		x
Recreation areas:																												
Bell Foley (3).....	18S	2,000				x		x				x			x			x	x	x	x	x	x	x		x		
Eleven Point (3).....	19S	1,500				x		x			x	x			x			x	x	x	x	x	x	x		x		
Mississippi County (3).....	22S	1,500				x		x			x	x			x			x	x	x	x	x	x	x		x		
Greers Ferry.....	25S	2,000	31,000	A				x			x	x			x	x		x	x	x	x	x	x	x		x		
De Queen.....	42S	2,000		A				x			x	x			x	x	x	x	x	x	x	x	x	x		x		
Caddo River (3).....	48S	1,500				x		x			x	x			x	x	x	x	x	x	x	x	x	x		x		
Millwood.....	74S	2,000		A				x			x	x			x		x	x	x	x	x	x	x	x		x		
Monuments:																												
Scientific:																												
Magnet Cove Geologic Site (3).....	50S	640						x					x	x	x			x								x		
Mineral Spring Geologic Site (3).....	73S	1,000											x	x	x			x										
Historic:																												
Archibald Yell.....	3S	1											x		x			x										
Jenkins Ferry Battlefield.....	51S	1,000											x		x			x										
Old State House.....	56S	5											x		x			x										
Knapp Mounds (3).....	59S	50											x		x			x										
Louisiana Territory Survey Monument.....	61S	1											x		x			x										
Helena Battlefield.....	65S	1,200											x		x			x										
Menard Mounds (3).....	67S	1,000											x		x			x										
Marks Mill Battlefield.....	71S	20				x		x					x		x		x	x										
Poison Spring Battlefield.....	72S	1,000											x		x			x										
Nature preserves:																												
Big Island (3).....	66S	2,000				x		x				x	x		x			x		x				x		x		x
E. I. Wilcoxon Forest (3).....	70S	640						x				x			x			x		x						x		
Grassy Lake (3).....	75S	1,000		x								x			x			x		x		x	x			x		
Red River Sandhills (3).....	76S	1,000										x			x			x		x						x		
Scenic roads:																												
State Route 59.....	1S	100 mi.						x			x	x			x	x	x		x	x						x		
State Route 16.....	2S	60 mi.						x			x	x			x	x	x		x	x						x		
U.S. 62; State Routes 68, 23, 71; U.S. 270.....	8S	150 mi.						x			x	x			x	x	x		x	x						x		
State Routes 7, 14; U.S. 62; State Routes 178, 5, 9, 16, 95.....	10S	310 mi.						x			x	x			x	x	x		x	x						x		
State Route 154.....	28S	30 mi.						x			x	x			x	x	x		x	x						x		
U.S. 65; State Route 7.....	29S	140 mi.						x			x	x			x	x	x		x	x						x		
State Routes 22, 10, 27, 8.....	33S	150 mi.						x			x	x			x	x	x		x	x						x		
Great River Road.....	64S	278 mi.		x		x		x				x	x		x	x	x		x	x					x	x		
Free-flowing streams:																												
Kings River.....	7S	50 mi.				x					x				x	x	x	x	x	x	x	x	x	x		x		
Spring River.....	17S	50 mi.				x					x				x	x	x	x	x	x	x	x	x	x		x		
Ouachita River.....	41S	50 mi.				x					x				x	x	x	x	x	x	x	x	x	x		x		

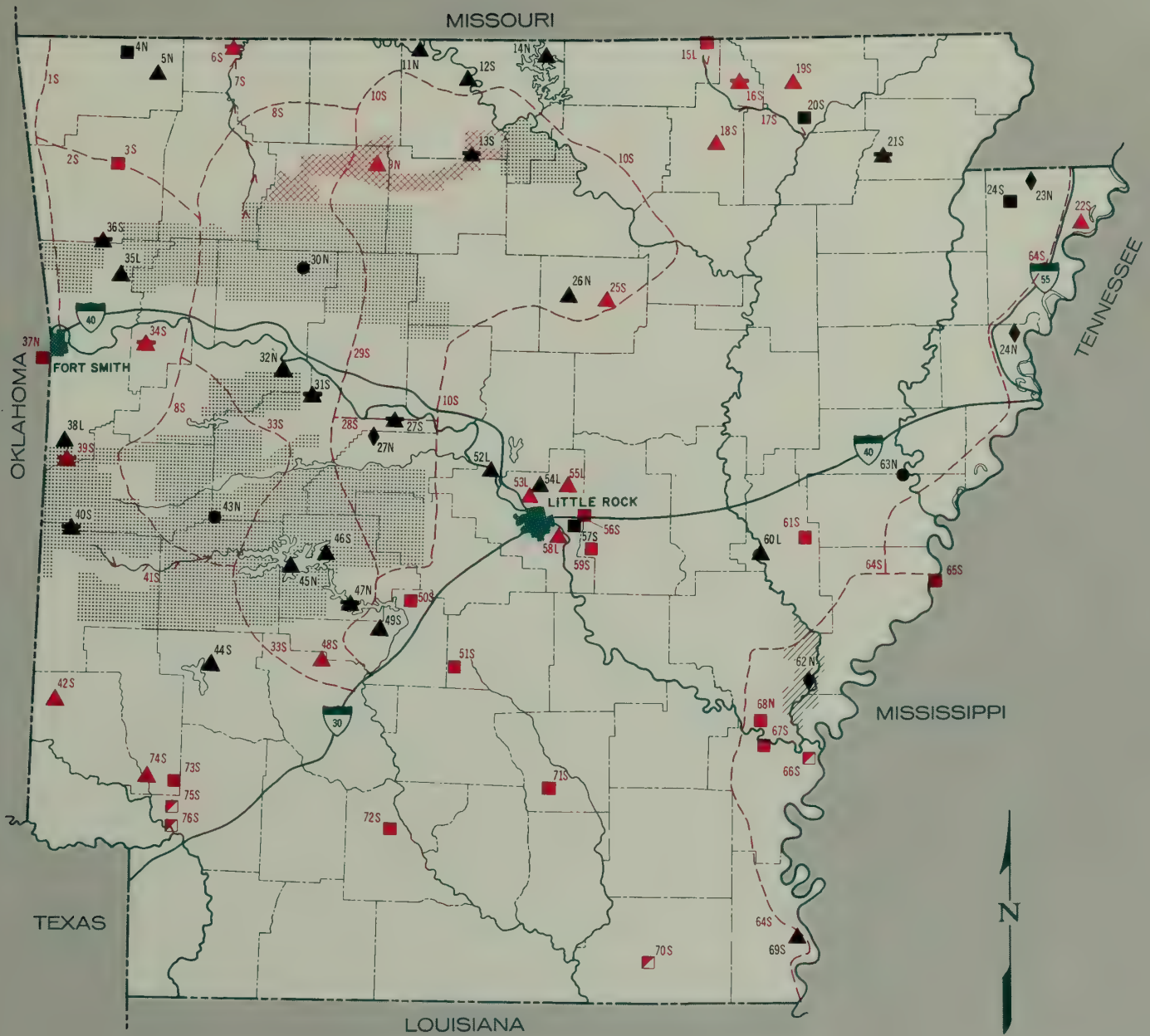
See footnotes at end of table.

ARKANSAS	Number on map	Acreage		Significant features										Type of use		Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
LOCAL																												
Recreation areas:																												
Arkansas River Front (3).....	53L	1,500				x		x				x			x			x	x	x	x	x	x		x			
Bayou Meto (3).....	55L	1,500				x		x				x			x			x	x	x	x	x	x		x			
Fourche Bottom (3).....	58L	1,000				x		x			x	x			x			x	x	x		x	x		x			
Monument: Scientific: Mammoth Spring (3).....	15L	10				x								x	x		x	x	x						x			

- (7) Where acreage not shown:
 "S" indicates water surface under 500 acres.
 "M" indicates water surface of 500 to 10,000 acres.
- (2) An "A" indicates all or major portions of water surface acreage is adjacent to area.
- (3) Suggested area—qualifications not wholly determined. Further study required.
- (4) Area authorized by Congress; not yet established.



Fort Smith National Historic Site, recently authorized, will commemorate one of the earliest U.S. military posts in the Louisiana Territory. This commissary building is part of the second fort built here, soon after Arkansas became a State.



ARKANSAS



	Existing	Potential		Existing	Potential
Park	★	★	Scenic Route	— — —	— — —
Recreation Area , Etc.	▲	▲	Free-flowing Stream	~~~~~	~~~~~
Monument	■	■	NATIONAL PARK		▨
Nature Preserve	◼	◼	NATIONAL FOREST		▩
Wildlife Area	◆	◆	NATIONAL WILDLIFE REFUGE		▧
Forest	●	●			

DELAWARE

DELAWARE has a population density averaging 225 persons per square mile which, with industrial growth, accents the urgency for acquisition and development of lands for outdoor recreation.

In the last decade the population increased 40.3 percent, to 446,292. Projections indicate 780,000 in 1976. One-third of the population is concentrated in New Castle County on less than 10 percent of the State's area.

The Chesapeake and Delaware Canal forms a much-used channel for pleasure craft traveling between Chesapeake and Delaware Bays.

The ocean beaches and shore areas are major attractions, with fresh-water lakes and scattered forest lands filling out the recreation resources. Spring and fall seasons are pleasant, with the seashore areas affording relief from the hot and humid summers.

Proposed reservoirs will offer potential recreation opportunities. There are a number of historic sites, of which Fort Christiana and John Dickinson Mansion have been determined to possess exceptional value in commemorating the history of the United States.

EXISTING PUBLIC AREAS

NATIONAL: The Bureau of Sport Fisheries and Wildlife administers one national refuge of 13,180 acres. The Corps of Engineers administers the Chesapeake and Delaware Canal, 13.5 miles with 5,000 acres.

STATE: The Park Commission administers 4 areas of 1,148 acres, having a 1960 attendance of 200,000. The Forestry Commission manages five forests of 4,704 acres. The Highway Department

administers 2,650 acres of beach lands and 40 roadside picnic areas. The Board of Fish and Game Commissioners administers 13,135 acres in seven wildlife areas. There are 12 State ponds, amounting to 700 acres.

LOCAL: There are 21 nonurban parks, with a total of 515 acres in the Wilmington region. New Castle County has 590 acres dedicated for recreation.

QUASI-PUBLIC AND PRIVATE: One historic monument is available to the public.

PRIVATE ENTERPRISE: Family-style vacation facilities and commercial recreation developments are of importance, with many of these located along the beach portions of Sussex County.

PARK AND RELATED NEEDS

In terms of preservation, study is needed on potential values of free-flowing streams. With the advent of additional highway construction, there is need for wayside development and scenic route treatment. The State park system presently provides 3,248 acres for 446,292 residents. There is need for acquisition and development of additional areas of State significance. Potential State areas identified in this plan total 31,300 acres. If all these identified potential areas are established and developed, State responsibilities in meeting recreation needs can probably be met to 1976. Existing local parks and recreational areas provide only 1,100 acres. Approximately 10,600 acres in local areas will be needed by 1976.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are offered to help provide needed public outdoor recreation opportunities. Vigorous action by the agencies concerned will be necessary to carry out such a program successfully.

STATE: Enlargement of the State park system by addition of seven parks, seven recreation areas, and two nature preserves. Further study of four suggested areas and one free-flowing stream.

Supporting recommendations include—

1. Development of recreation areas in conjunction with reservoirs.
2. Establishment of a system of metropolitan or regional parks.
3. Initiation of a long-range program to acquire land for recreation use.
4. Coordination of wayside development programs with new highway construction.
5. Concentrated efforts to alleviate pollution in State waters.
6. Development of additional marina sites at suitable locations.



Trussem Pond, Delaware, an outstanding natural area featuring cypress groves far north of their usual range.

DELAWARE	Number on map	Acreage		Significant features								Type of use				Activities												
		Total land and water within area	Water surface (7)	Lake	Reservoir	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Recreation area: Chesapeake and Delaware Canal..	14N	5,000				x		x				x			x				x	x		x	x	x				
Wildlife area: Bombay Hook National Wildlife Refuge.....	17N	13,180					x					x			x									x	x	x		
STATE																												
Parks:																												
Brandywine Springs State Park (3).....	3S	59				x									x			x	x	x						x		
Delaware Beach Lands (3).....	30S	1,900					x					x			x	x	x	x	x	x	x	x	x	x	x	x		
Trap Pond State Park.....	34S	927	95	x				x				x			x	x	x		x	x	x	x	x	x	x	x		
Recreation area: Augustine Beach.....	15S	200					x								x		x	x	x	x		x	x	x				
Monuments: Historic:																												
Fort Christiana State Park (4).....	5S	2											x		x			x										
Fort Delaware State Park.....	8S	160				x							x		x		x	x	x	x								
Old Courthouse.....	9S												x		x			x										
Old Presbyterian Church.....	18S												x		x			x										
Old State House.....	19S												x		x			x										
John Dickinson Mansion (4).....	21S												x		x			x										
DeVries Monument.....	26S												x		x			x										
MAJOR LOCAL																												
Recreation areas:																												
Out of City Parks (5 areas).....	2L	447						x				x			x				x	x		x	x			x		
New Castle County Parks (16 areas).....	4L	68					x		x			x			x				x	x		x	x			x		
MAJOR QUASI-PUBLIC AND PRIVATE																												
Monument: Historic: Holy Trinity (Old Swedes) Church.....																												
38P													x		x		x	x										
POTENTIAL AREAS																												
STATE																												
Parks:																												
Brandywine Creek (2).....	1S	2,000				x		x				x			x				x	x		x	x	x		x		
Lums Pond.....	10S	1,920	200	x								x			x	x	x		x	x	x	x	x	x		x		
Becks Pond and Sunset Lake.....	12S	500	S	x								x			x			x	x	x		x	x	x		x		
Killen, Coursey, McCauley Ponds.....	22S	3,600	200	x		x		x				x			x	x	x	x	x	x	x	x	x	x		x		
Cape Henlopen.....	23S	1,200					x					x			x	x	x	x	x	x	x	x	x	x		x		
Delaware Dunes.....	24S	1,200					x					x			x	x	x	x	x	x	x	x	x	x		x		
Long Neck Area.....	31S	1,500					x	x				x			x	x		x	x	x	x	x	x	x		x		
Indian River Inlet.....	32S	1,700				x									x			x	x	x		x	x	x				
Recreation areas:																												
Christiana Reservoir.....	7S	7,900	2,900		x							x			x	x	x	x	x	x	x	x	x	x		x		
Newark Reservoir.....	11S	3,636	36		x										x	x	x	x	x	x	x	x	x	x				
Smalleys Pond (2).....	13S	410	60	x											x				x	x				x		x		
Woodland Beach.....	16S	200					x					x			x				x	x		x	x	x		x		
Voshell Pond (2).....	20S	431	31	x											x				x	x		x	x	x		x		
West Shore Rehoboth Bay.....	25S	1,000					x					x			x		x	x	x	x		x	x	x		x		
Red Mill Pond.....	27S	450	150	x				x							x	x			x	x	x	x	x	x				
Collins Mill Pond (2).....	29S	300	S	x								x			x				x	x		x	x	x				

See footnotes at end of table.

DELAWARE	Number on map	Acreage		Significant features									Type of use		Activities													
		Total land and water within area	Water surface (1)	Lake	Reservoir	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Recreation areas—Continued																												
Ingrams Pond.....	33S	260	60	x				x				x			x					x	x		x	x	x			
South Shore Indian River Bay.....	36S	1,000						x				x			x	x	x	x		x	x	x	x	x		x		
Nature preserves:																												
Churchmans Marsh.....	6S	1,500				x						x			x		x	x						x		x		
Trussem Pond.....	35S	592	92	x				x				x			x		x	x	x					x		x		
Free-flowing streams: Nanticoke River-Broad Creek (2).....	28S	65 mi.				x									x							x	x	x		x		

- (1) Where acreage is not shown: "S" indicates water surface under 500 acres.
(2) Suggested area—qualifications not wholly determined. Further study required.
(3) Major additions recommended.
(4) Eligible for Registered National Historic Landmark status.



Cape Henlopen, Delaware, one of the few still-undeveloped stretches of middle-Atlantic seashore.

PENNSYLVANIA

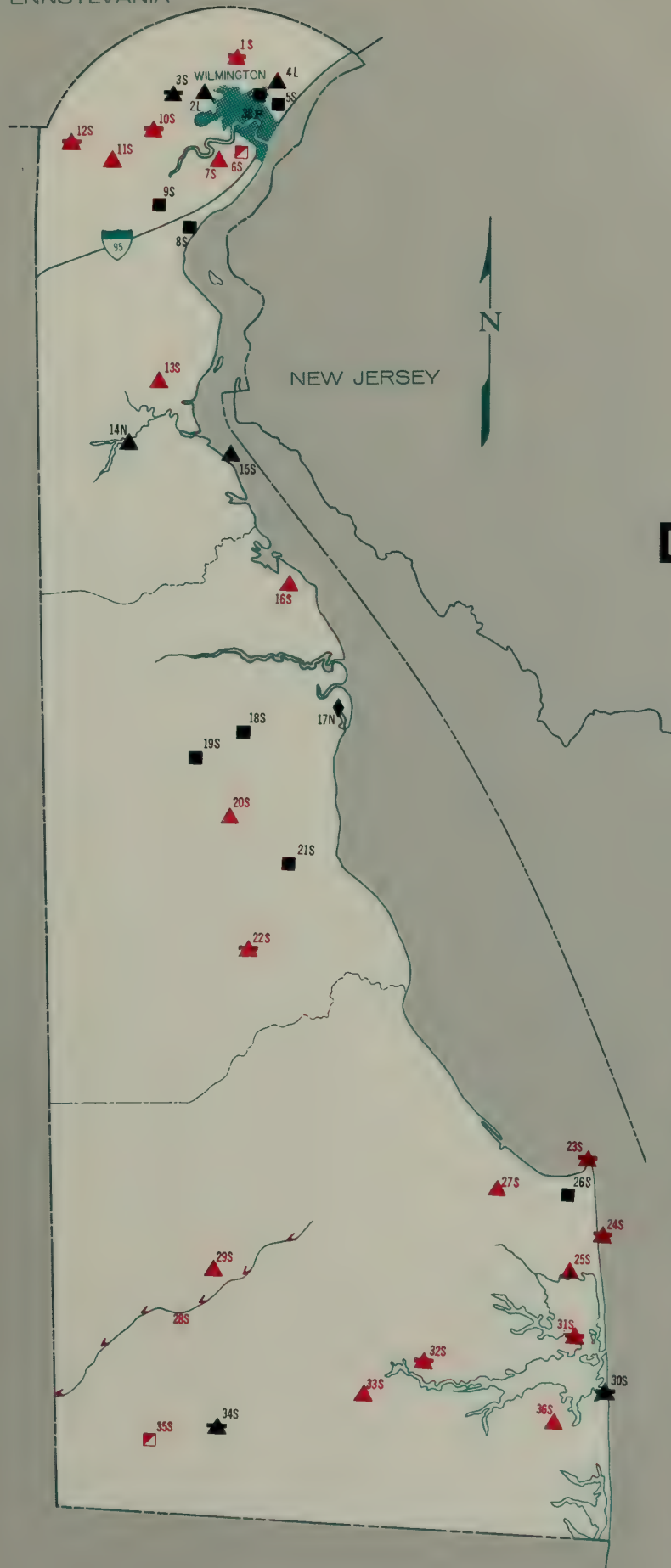
NEW JERSEY

MARYLAND

DELAWARE



	Existing	Potential
Park	★	★
Recreation Area ,Etc.	▲	▲
Monument	■	■
Nature Preserve	▣	▣
Wilderness	▤	▤
Beach	⬇	⬇
Wildlife Area	◆	◆
Forest	●	●
Foot Trail	.....F.....	.....F.....
Horse Trail	.....H.....	.....H.....
Bicycle Trail	.....B.....	.....B.....
Canoe Trail	.....C.....	.....C.....
Parkway	—————	—————
Scenic Route	- - - - -	- - - - -
Free-flowing Stream	~~~~~	~~~~~



FLORIDA

FLORIDA has an Atlantic and gulf coastline of 8,426 miles and a warm winter climate that has made it one of the Nation's leading recreation States.

Florida's population increased 78.7 percent during the 1950-60 decade, to reach 4,951,560. Seventy-three percent of the population is urban. The average density was 91.3 persons per square mile. Eleven counties had a density of less than 10 persons per square mile. Projections indicate a population of 8,387,000 by 1976.

The tourist industry is a major industry in Florida, with a 1960 value of \$1.8 billion for 11 million visitors. The tourist season is year round, with summer and winter months showing peak visitation.

Eighty-one percent of out-of-State visitors enter the State by automobile and use their cars to visit outdoor recreational areas. The extreme southern section of the State will benefit most when the Interstate Highway System is completed. Driving time from out-of-State points will be reduced, thus increasing the number of visitors to the southern portion and allowing visitors more time in Florida for recreation.

The climate ranges from temperate to subtropical. The winter months are warm, with abundant sunshine. Summer temperatures are in the 90's, tempered by rain and cool nights. The upper Atlantic and gulf coast regions receive their heaviest visitation during the summer season.

Major recreation resources are the fine beaches; many fresh-water lakes, including Lake Okeechobee; scenic rivers; the 2,500,000 acres of open marshlands in the Everglades; the largest known limestone springs in the United States; the Intracoastal Waterway; the Florida Keys with coral reefs; and myriad ponds, marshes, and tidal lagoons. Forests cover

much of Florida, which has 3,000 species of native flowering plants and abundant wildlife. Inshore and deep-sea boating and sport fishing are outstanding recreational activities.

Despite the State's rapid growth, ample wild country and unspoiled shorelines are still available.

The State is rich in historic and prehistoric sites. In addition to sites in the National Park System, there are four sites that possess exceptional value in commemorating the history of the United States.

It is important to the tourist industry that sufficient public outdoor recreation areas are created to preserve the recreation resources of the State.

The rivers, streams, marshes, and everglades areas are seriously threatened by rapid urbanization, industrial development, and other activities.

EXISTING PUBLIC AREAS

NATIONAL: The National Park Service administers one national park, two national memorials, and three national monuments, with a total of 1,348,864 acres. The 1960 attendance was 1,109,332. The Forest Service administers 40 recreation areas and 4 game management areas in 3 national forests amounting to 1,074,972 acres. The attendance at these forests was 1,205,000 in 1960. The Bureau of Sport Fisheries and Wildlife administers 262,024 acres in 14 national wildlife refuges. There is one Corps of Engineers' reservoir with 40,300 acres of water, partly in Alabama and Georgia. The 1960 attendance was 1,004,000.

STATE: The Florida Park Service has 57 parks, monuments, and recreation areas, with a total of 120,803 acres and having a 1960 attendance of 3,195,136. The Florida Game and Fresh Water Fish

Department has 2 refuges and 32 wildlife management areas with 114 boat ramps. The Florida Forest Service has four forests with six recreation areas. The Florida Road Department provides 225 roadside parks and 97 boat ramps.

LOCAL: Dade County administers 47 parks totaling 3,650 acres. There are 1,930 acres in 6 other local areas.

PRIVATE ENTERPRISE: Private enterprise plays a major role in providing recreation facilities such as marine gardens, marine aquariums, natural spring developments, beaches associated with resorts and hotels, marinas and sport fishing boat facilities. They are extensively advertised and open to the public.

Four million acres of privately owned forest lands are open to public hunting under State game management control and supervision.

PARK AND RELATED NEEDS

There is immediate need for action to preserve and develop for public use the remaining unspoiled beaches, free-flowing streams, lake shorelines, and other natural scenic, historic, and scientific resources.

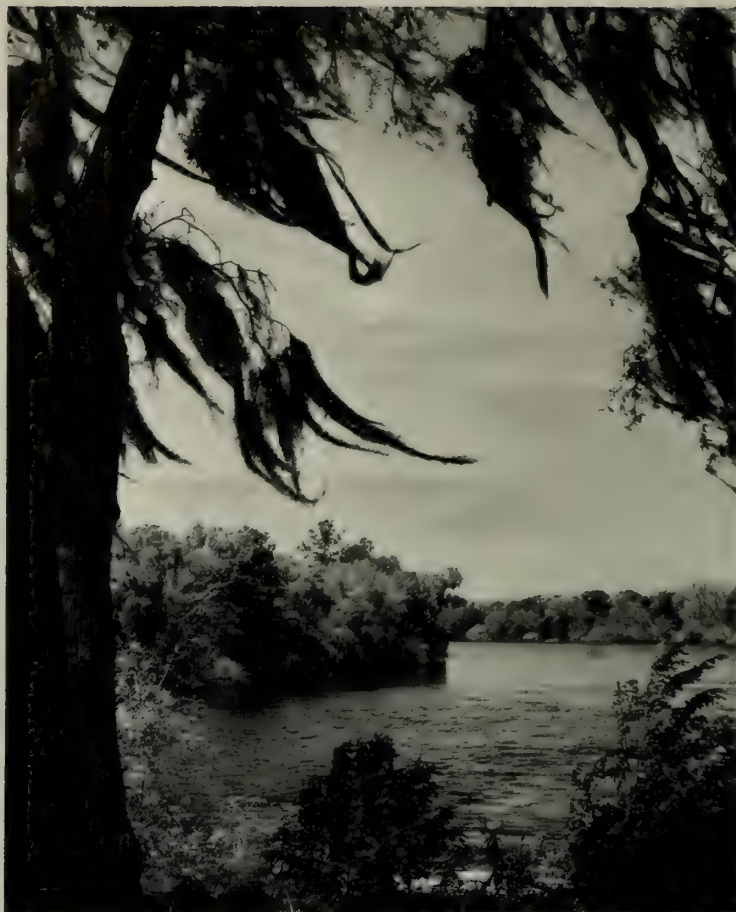
Existing State recreation areas now provide 120,800 acres for the 4,951,600 residents. Potential areas of State significance identified in this plan total 100,400 acres, which is considered adequate for present population but far short of probable need by 1976.

No potential local areas have been identified. Some urban centers have extensive recreation developments, but still have not been able to keep pace with the population increase. There is an urgent need to provide close-by recreation areas for urban residents.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. Vigorous action on a program suggested by the following recommendations can do much to provide needed additional outdoor recreation opportunities for public enjoyment in Florida.

NATIONAL: Studies looking toward the possible establishment of a Suwannee National River, a Marco National Seashore, an Okeechobee National Battlefield, and a Chassahowitzka Springs National Monument.



The Suwannee River in Florida, a free-flowing stream whose outstanding natural values make it worthy of consideration for national river status.

STATE: Expansion of the State park system to protect valuable resources and provide additional recreation opportunities by addition of five parks, eight monuments, six recreation areas, three nature preserves, and two beaches. Further study of three other parks, eight recreation areas, four nature preserves, and two monuments.

Consideration of designating and protecting five scenic routes, and the acquisition of lands and construction of a State parkway along the St. Johns River.

Supporting recommendations include—

1. Continued coordination between the U.S. Corps of Engineers and interested State and local conservation and flood-control districts to provide recreational facilities on existing and proposed impoundments.
2. Expansion of the staff of the State park authority to provide technical park planning assistance to political subdivisions of the State.
3. Study of the feasibility of establishing a State geological park in the phosphate mine section to preserve and interpret State geology and the story of prehistoric mammals.

FLORIDA	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface	Lake (I)	Reservoir (I)	River (I)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Park: Everglades National Park.....	130N	1, 301, 349						x				x			x	x	x	x	x		x	x	x	x		x		x
Recreation area: Jim Woodruff Reservoir (Florida portion).....	23N	66, 388	40, 300	x											x			x	x			x	x	x				
Monuments: Historic:																												
Fort Caroline National Memorial.....	48N	119				x		x				x			x	x	x	x	x							x		
Castillo de San Marcos National Monument.....	51N	19					x					x			x	x	x	x										
Fort Matanzas National Monument.....	55N	228					x					x			x	x	x	x					x	x				
De Soto National Memorial.....	110N	24				x						x			x	x	x	x						x				
Fort Jefferson National Monument.....	140N	47, 125					x					x	x		x	x	x	x				x	x	x		x		x
Forests:																												
Apalachicola National Forest.....	19N	556, 496					x		x						x	x	x	x		x	x	x	x	x	x	x		x
Osceola National Forest.....	34N	157, 233				x			x						x	x	x	x		x	x	x	x	x	x	x		x
Ocala National Forest.....	66N	361, 243				x		x	x						x	x	x	x		x	x	x	x	x	x	x		x
Wildlife areas:																												
St. Marks National Wildlife Refuge.....	29N	65, 047				x	x		x				x			x		x	x			x		x		x		x
Cedar Keys National Wildlife Refuge.....	72N	379						x					x			x		x	x				x		x		x	x
Chassahowitzka National Wildlife Refuge.....	74N	28, 617					A						x			x		x	x				x		x		x	
Anclote National Wildlife Refuge.....	78N	209						x					x			x		x	x				x	x	x		x	
Pinellas National Wildlife Refuge.....	79N	278						x					x			x		x	x				x		x		x	x
Brevard National Wildlife Refuge.....	92N	12											x			x		x					x		x		x	
Pelican Island National Wildlife Refuge.....	95N	3						x					x			x		x	x				x		x	x	x	
Passage Key National Wildlife Refuge.....	105N	36						x					x			x							x		x		x	
Island Bay National Wildlife Refuge.....	114N	20						x					x			x		x	x				x		x		x	
Sanibel National Wildlife Refuge.....	115N	2, 821						x					x			x		x	x				x		x		x	
Loxahatchee National Wildlife Refuge.....	123N	145, 478					A						x			x		x	x				x		x		x	
Key Deer National Wildlife Refuge.....	136N	6, 923						x					x			x		x	x				x		x		x	
Great White Heron National Wildlife Refuge.....	137N	2, 128											x			x		x	x				x		x		x	x
Key West National Wildlife Refuge.....	139N	2, 019						x					x			x		x	x				x		x		x	
STATE																												
Parks:																												
Fort Pickens State Park.....	3S	1, 659						x					x			x	x	x				x	x	x	x			
Torrey State Park.....	21S	1, 063					A		x				x			x	x	x		x		x	x	x	x		x	
Killearn Gardens State Park.....	26S	308				A			x				x			x		x	x	x					x		x	
Goldhead Branch State Park.....	39S	1, 338	100	x				x					x			x	x	x	x	x			x	x	x	x		x
Fort Clinch State Park.....	42S	1, 086						x	x	x			x	x		x	x	x		x		x	x	x	x			
Tomoka River State Park.....	58S	850						x		x			x			x				x		x	x	x	x			
Crow's Bluff State Park.....	65S	599					A		x				x			x		x	x			x	x	x	x		x	
Anclote Key State Park.....	77S	102						x								x		x	x	x			x	x	x		x	
Highlands Hammock State Park.....	102S	3, 800					A		x				x			x		x	x	x	x			x	x	x		x
Myakka River State Park.....	111S	28, 875				x		x		x			x			x	x	x		x		x	x	x	x			
Oscar Scherer State Park.....	112S	463						x		x			x			x	x	x		x		x	x	x	x			
Hugh Taylor Birch State Park.....	124S	180				x			x	x						x							x	x	x			
Collier-Seminole State Park.....	128S	6, 423							x	x			x			x	x	x		x	x	x	x					x
Pennekamp Coral Reef State Park.....	131S	48, 234	48, 159					x					x			x			x				x		x		x	x
Long Key State Park.....	132S	48						x					x			x	x	x		x		x	x	x	x			
Recreation areas:																												
John C. Beasley State Park.....	7S	23						x								x							x	x	x			
St. Andrews State Park.....	9S	1, 022						x								x	x	x		x		x	x	x	x			
Jim Woodruff State Park.....	22S	682	40, 300			A			x				x			x	x	x		x		x	x	x	x		x	
Suwannee River State Park.....	32S	1, 838						x		x						x				x		x	x	x	x			
O'Leno State Park.....	36S	1, 428						x					x			x	x	x		x		x	x	x	x		x	
Bradford Lakes State Park.....	37S	100				A										x	x					x	x	x	x			

See footnotes at end of table.

FLORIDA	Number on map	Acreage		Significant features									Type of use			Activities													
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River (1)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS—Continued																													
STATE—Continued																													
Recreation areas—Continued																													
Magnolia Lake State Park.....	38S	191		A			x							x	x			x			x	x	x						
Little Talbot Island State Park.....	43S	2,500					x							x	x	x		x			x	x	x						
Anastasia Island State Park.....	52S	1,035				x	x	x						x	x	x		x			x	x	x						
Faiver-Dykes State Park.....	53S	743				x								x							x	x	x						
Frank B. Butler State Park.....	54S	50				x								x				x			x	x	x						
Flagler Beach State Park.....	56S	145				x								x							x	x	x						
Manatee Springs State Park.....	70S	1,799				x					x			x	x	x	x	x			x	x	x	x					
Hillsborough River State Park.....	81S	2,810				x		x						x	x	x		x			x	x	x	x					
Lake Griffin State Park.....	84S	416		A										x				x			x	x	x						
John Bartram State Park.....	89S	73				x								x				x			x	x	x						
Sebastian Inlet State Park.....	96S	40				x								x				x			x	x	x						
Jonathan Dickinson State Park.....	98S	8,923				x		x			x			x	x			x			x	x	x	x				x	
Monuments:																													
Scientific:																													
Florida Caverns State Park.....	12S	1,131				x		x					x	x	x	x		x	x							x			
John F. Rollins State Monument.....	47S	133									x			x				x											
Cowpens State Park.....	133S	165				x					x			x															
Bahia Honda State Park.....	135S	13				A					x			x	x	x		x			x	x	x			x			
Historic:																													
State Constitution Memorial State Monument.....	14S	12										x		x															
Fort Gadsden State Monument.....	16S	78				x						x		x				x						x					
Dr. John Gorrie State Monument.....	17S	1											x		x														
National Bridge State Monument.....	27S	6				x						x	x	x															
Drew Mansion State Monument.....	31S	10										x		x															
Olustee Battlefield State Monument.....	35S	3										x		x															
Kingsley Plantation State Monument.....	44S	12				x						x		x															
Huguenot Landing State Monument.....	45S	115				x						x		x															
Yellow Bluff Fort State Monument.....	46S	2				x						x		x									x						
Bulow Ruins State Monument.....	57S	109										x		x			x												
Addison Blockhouse State Monument.....	59S	5										x		x															
Green Mound State Monument.....	60S	6										x		x															
Sugar Mill Ruins State Monument.....	61S	17										x		x															
Turtle Mound State Monument.....	62S	10				x						x		x															
Ormond's Tomb State Monument.....	63S	9										x		x															
Cedar Key State Monument.....	71S	19				x						x		x										x					
Yulee Sugar Mill State Monument.....	73S	6										x		x															
Dade Battlefield State Monument.....	83S	80										x		x															
Madira Bickel Mound State Monument.....	108S	10										x		x															
Judah P. Benjamin State Monument.....	109S	5										x		x															
Stephen Foster Memorial.....	33S	244				A						x		x		x	x				x								
MAJOR LOCAL																													
Recreation areas:																													
Wickham Park.....	88L	600	20	x			x							x					x	x		x	x	x		x			
Holland Park.....	90L	600					x							x					x			x	x	x					
Fort Desoto.....	106L	800					x						x		x						x	x	x						
Mullet Key.....	107L	50					x					x	x		x				x			x	x	x					
Dade County Parks (47 areas).....	125L	3,650		x		x	x	x				x	x		x	x		x	x		x	x	x	x		x			
Beaches:																													
Johnson Beach.....	1L	60					x							x								x	x	x					
Pensacola Beach.....	4L	500					x							x	x	x						x	x	x					

See footnotes at end of table.

FLORIDA	Number on map	Acreage		Significant features								Type of use				Activities												
		Total land and water within area	Water surface	Lake (7)	Reservoir (7)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS																												
NATIONAL																												
River: Suwannee River (2).....	30N	50, 000				x		x				x			x	x		x	x	x	x	x	x	x		x		
Seashore: Marco (2).....	129N	25, 000				x						x	x		x	x	x	x			x	x	x	x		x		
Monuments:																												
Scientific: Chassahowitzka Springs (2).....	75N	2, 000	400			x								x	x									x				
Historic: Okeechobee Battlefield (2) (3).....	99N	640											x		x													
STATE																												
Parks:																												
Lake Dias.....	64S	15, 000	10, 000	x				x				x			x	x	x		x	x	x	x	x	x		x		
Oklawaha (2).....	67S	1, 000				x						x			x				x		x		x	x		x		
Withlacoochee.....	68S	1, 000				x		x				x			x	x	x		x	x	x	x	x	x		x		
Weekiwachee River (2).....	76S	1, 500				x		x							x	x			x	x	x	x	x	x		x		
Honeymoon Island.....	80S	200					x								x	x	x		x		x		x	x				
Lake Washington.....	94S	3, 000		A								x			x	x	x		x	x	x	x	x	x				
Blue Cypress Lake.....	100S	7, 000	5, 000	x								x			x	x			x	x	x	x	x	x		x		
Kissimmee Prairie (2).....	101S	1, 000					x		x			x			x	x			x	x	x	x	x	x		x		
Recreation areas:																												
Escambia River.....	5S	2, 000				x		x							x				x	x	x	x	x	x		x		
Blackwater River (2).....	6S	180				x		x							x				x	x								
Gulf Lake Beach.....	8S	4, 000		x			x	x							x	x	x		x		x	x	x	x				
Deadening Lakes.....	10S	10, 000		x				x				x			x				x	x	x	x	x	x		x		
Chipola River.....	13S	1, 500				x						x	x		x	x	x		x	x	x	x	x	x		x		
St. Joseph Spit.....	15S	3, 000					x								x	x	x		x	x	x	x	x	x		x		
St. Mary's River (2).....	41S	1, 500				x									x	x		x	x	x	x	x	x	x		x		
Lake Region (2).....	85S	3, 000		A											x	x			x	x	x	x	x	x		x		
Lake Harney Prairie (2).....	87S	5, 000		A				x	x						x	x			x	x	x	x	x	x		x		
Mosquito (Indian River) Lagoon.....	91S	10, 000				x	x								x	x	x		x	x	x	x	x	x		x		
Tampa Bay (2).....	104S	1, 000					x								x		x						x	x				
Peace River (2).....	113S	4, 000				x			x						x	x			x	x	x	x	x	x		x		
Galoosahatchee River (2).....	118S	1, 000				x									x	x	x		x	x	x	x	x	x				
Florida Keys (2 sites) (2).....	134S	3, 000					x								x	x		x	x		x	x	x	x		x		
Monuments:																												
Scientific:																												
Falling Waters (2).....	11S	160				x		x							x	x		x	x							x		
Geologic Center (2).....	103S	5													x	x		x										
Historic:																												
Cayson's Sites.....	20S	10				x							x		x													
San Luis de Apalachee (3).....	24S	25				x							x		x			x										
Lake Jackson Mounds.....	25S	20		A									x		x													
San Marcos de Apalachee.....	28S	10				x							x		x													
Mound Key.....	116S	10					x						x		x													
Ortona Mound.....	119S	10				x							x		x													
Circle Mound.....	121S	10											x		x													
Key West Forts (3 areas).....	138S	15					x						x		x													
Nature preserves:																												
Palm Valley (2).....	49S	1, 000				x		x	x			x			x				x	x						x		
Withlacoochee.....	82S	2, 000				x		x				x			x					x						x		
Palm Forest (2).....	86S	1, 000						x	x			x			x				x	x						x		
Fathahatchee.....	117S	10, 000						x				x			x					x						x		
Devil's Garden.....	120S	320					x					x			x				x	x						x		

See footnotes at end of table.

FLORIDA	Number on map	Acreage		Significant features									Type of use		Activities													
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Nature preserves—Continued																												
Prairie (2)	122S	5,000							x			x			x				x	x		x					x	
Cypress Preserve (2)	127S	1,000							x			x			x				x	x							x	
Beaches:																												
Gulf Beach Gunnery Range	2S	800						x							x				x									
St. Lucie Seashore	97S	160						x							x				x									
Parkway: St. Johns River (2)	40S	200 mi.						x		x				x		x	x	x	x	x	x	x	x	x		x		
Scenic roads:																												
U.S. 98 and State 30	18S	100 mi.													x				x									
State A1A	50S	20 mi.													x				x									
U.S. 19	69S	125 mi.							x					x				x	x									
U.S. 1	93S	70 mi.							x						x				x									
U.S. 41	126S	90 mi.													x				x									

(1) An "A" indicates all or major portions of water surface acreage is adjacent to area.

(2) Suggested area—qualifications not wholly determined. Further study required.

(3) Eligible for Registered National Historic Landmark status.



St. Joseph Spit in Florida is a Cape Cod in miniature. High dunes, beaches, forests, and wildlife make it an important recreation resource.



FLORIDA



	Existing	Potential
Park	★	★
Recreation Area, Etc.	▲	▲
Monument	■	■
Nature Preserve	▣	▣
Wilderness	▤	▤
Beach	⬇	⬇
Wildlife Area	◆	◆
Forest	●	●
Foot Trail	.....f.....	.....f.....
Parkway	—	—
Scenic Route	- - -	- - -
NATIONAL PARK	▨	
NATIONAL FOREST	▩	



GEORGIA

GEORGIA lies on the south Atlantic coast and was the southernmost of the Thirteen Original Colonies. From the seacoast to the mountains there are abundant resources which, if properly protected and developed, can offer ample outdoor recreation opportunities for residents and out-of-State visitors.

The State population increased 14 percent in the past decade to reach 3,943,116 in 1960. Projections indicate it may reach 4,579,000 by 1976. The population density averages 68 persons per square mile and ranges from 4.4 in Echols County bordering Florida, to 1,063 in Fulton County (Atlanta). From 1950 to 1960 the urban population increased 39 percent, while the rural population decreased 6 percent, making the State total 55 percent urban. The tourist industry, with an estimated expenditure of \$400 million in 1959, ranked fifth in importance to the economy of the State, which is experiencing great industrial expansion. The role of outdoor recreation can be enlarged by developing potential recreation lands on several of the off-shore islands, along the major rivers and at large reservoirs.

The many miles of coastline, the Intracoastal Waterway, numerous rivers, bayous, reservoirs, and several natural lakes located in limestone sinks in the southern part of the State are basic resources that provide year-round, statewide, water-oriented recreation opportunities. The southwestern section provides outstanding upland bird hunting. The majority of the State is forested, which lends attractiveness to the mountains and water areas in the State.

Georgia history from the colonial period through the Civil War is told in the numerous historic sites and buildings preserved throughout the State.

Numerous archeological sites reveal the prehistory of the State. The Stallings Island site possesses exceptional value and is eligible for National Historic Landmark status.

EXISTING PUBLIC AREAS

NATIONAL: The National Park Service administers one national military park, three national monuments, and one national battlefield park, totaling 15,480 acres. The 1960 attendance was 1,569,000. There are 2 national forests totaling 775,716 acres and including 46 recreation areas with 354 acres administered by the Forest Service. The 1960 attendance was 1,361,000. The Bureau of Sport Fisheries and Wildlife manages national wildlife refuges comprising 374,717 acres. Six reservoirs (four partly in adjacent States, one under construction and one filling) are managed by the Corps of Engineers and have 256,054 water-acres. The Tennessee Valley Authority administers three reservoirs (one partly in North Carolina) with a total of 14,420 water-acres. The 20 access points received an attendance of 552,450 in 1960.

STATE: The Division of State Parks administers 35 parks and related areas, totaling 29,890 acres. The attendance in 1960 was 3,449,218. The Georgia Historical Commission administers 14 historic shrines, containing 203 acres. The Jekyll Island State Park Authority administers one park of 11,000 acres. The Franklin D. Roosevelt Memorial Commission administers a 4,000-acre memorial, and the Stone Mountain Memorial Association administers a 3,000-acre memorial park. Other State areas, not included in the tabu-



Cumberland Island, Ga., was noted as of national significance by the Seashore Recreation Area Survey of the Atlantic and Gulf Coasts, completed by the National Park Service in 1955. The island has broad beaches and magnificent live oak forests.

lation, are a 37,500-acre State forest and 14 areas with a total of 400,000 acres, administered by the Game and Fish Commission.

LOCAL: There is one local nonurban area of 150 acres.

QUASI-PUBLIC: The portion of the Appalachian Trail in Georgia is 45 miles in length.

PRIVATE ENTERPRISE: Private enterprise is becoming increasingly active in providing facilities on and near popular reservoirs and along the Intracoastal Waterway. Two major paper companies now allow public hunting and fishing on their lands. A large number of landowners with developed ponds are broadening the opportunities for local fishing.

PARK AND RELATED NEEDS

Due to the great industrial expansion in the State, immediate attention should be given to the acquisition of such irreplaceable values as sea islands, marshes, free-flowing streams, historical and archeological sites before they are appropriated. Recreational opportunities are particularly lacking in the Macon-Augusta areas, and the provision of close-in day-use facilities is also needed for other metropolitan centers. Scenic routes for pleasure driving need recognition and preservation through zoning and other State and local action.

The State park system is reasonably well established, but there is need for further development of existing

parks. The system needs to be supplemented with historic trails, recreation waterways, and free-flowing streams.

Two major problems are pollution (notably in the Savannah and Altamaha Rivers) and urban spread. The metropolitan areas are expanding without provision for recreational areas for a growing population.

Existing State recreation areas now provide 48,100 acres. No major nonurban local areas were identified. The need is great and would not be met even if all the 76,400 acres in identified potential areas of State significance and the 8,000 acres of potential local areas were acquired and developed.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. Providing needed outdoor recreation opportunities calls for a prompt and determined program of action, and the following recommendations are offered to aid in achieving Georgia's park and recreation goals.

NATIONAL: Establishment of Cumberland Island as a national seashore, and of a Suwannee National

River, a portion of which would be in Georgia. A study for the possible 120-mile extension of the Blue Ridge Parkway in Georgia, as authorized by Congress.

STATE: Enlargement of the State park system to preserve significant recreation resources by establishment of 11 recreation areas, 6 monuments, and further study of 6 other areas.

Study of portions of the Flint and Ogeechee Rivers for possible preservation as free-flowing streams.

LOCAL: Acquisition and development of four local parks.

Supporting recommendations include:

1. Establishment of a system of historic and scenic roads that will permit a leisurely and educational enjoyment of the landscape.
2. Strengthening water pollution control measures to raise water quality for recreation use.
3. Investigation of the feasibility of restoring for public use historic Indian foot trails.
4. Establishment of metropolitan planning commissions for principal cities not now served by such commissions. These could assist adjacent counties in planning and assessing their recreation needs.

GEORGIA	Number on map	Acreage		Significant features								Type of use		Activities															
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Recreation areas:																													
Lake Sidney Lanier Reservoir	19N	51,561	38,024	x			x				x			x	x	x	x				x	x	x						
Allatoona Reservoir	21N	38,211	10,550	x			x				x			x	x	x	x				x	x	x						
Clark Hill Reservoir (Georgia portion)	39N	164,478	67,580	x			x				x			x	x	x	x				x	x	x						
Walter F. George Reservoir (Georgia portion)	72N		46,000	x			x				x			x	x	x	x				x	x	x						
Jim Woodruff Reservoir (Georgia portion)	96N	66,388	37,500	x			x				x			x	x	x	x				x	x	x						
Monuments: Historic:																													
Chickamauga and Chattanooga National Military Park (Georgia portion)	2N	6,340										x		x	x	x	x	x											
Kennesaw Mountain National Battlefield Park	26N	2,883										x		x	x	x	x												
Ocmulgee National Monument	56N	683										x		x	x	x	x												
Fort Pulaski National Monument	63N	5,364					x					x		x	x	x													
Fort Frederica National Monument	86N	210					x					x		x	x	x													
Forests:																													
Chattahoochee National Forest	3N	679,660					x				x	x		x	x	x	x	x	x				x	x	x				
Oconee National Forest	48N	96,056					x							x	x		x	x	x				x	x	x				
Wildlife areas:																													
Piedmont National Wildlife Refuge	47N	32,075					x					x		x											x	x			
Savannah National Wildlife Refuge (Georgia portion)	61N	5,413										x		x															
Tybee National Wildlife Refuge	62N	100										x																	
Blackbeard Island National Wildlife Refuge	82N	5,618					x					x												x	x				
Wolf Island National Wildlife Refuge	84N	538					x					x																	
Okefenokee National Wildlife Refuge	99N	330,973					x		x			x		x	x								x		x				
STATE																													
Parks:																													
Cloudland Canyon State Park	1S	1,300					x				x	x		x					x	x									
Fort Mountain State Park	6S	2,526									x	x	x	x	x	x			x	x	x	x		x					
Amicalola Falls State Park	7S	264	S	x		x		x			x	x		x	x				x	x	x			x					
Vogel State Park	8S	159	40	x			x				x			x	x				x	x	x	x	x	x					
Unicoi Springs State Park	9S	323	50	x			x				x			x					x	x	x	x	x	x					
Indian Springs State Park	49S	612	100	x			x				x			x	x				x	x	x	x	x		x				
Recreation areas:																													
Lake Chatuge State Park	10S	16	M		A									x					x	x		x	x	x					
Black Rock Mountain State Park	12S	1,141					x				x	x		x	x	x			x	x	x		x		x				
Victoria Bryant State Park	16S	45					x							x					x		x		x		x				
George Washington Carver State Park	22S	345	10,550		A		x							x					x	x	x	x	x		x				
Red Top Mountain State Park	23S	1,457	10,550		A		x				x			x	x				x	x	x	x	x	x					
Hard Labor Creek State Park	35S	5,806	320	x			x				x			x	x	x			x	x	x	x	x	x			x		
Alexander H. Stephens State Park	36S	1,175	S	x			x				x	x		x	x	x			x	x	x		x	x					
Bobby Brown Memorial State Park	38S	632	67,580		A						x			x					x	x	x	x		x					
Elijah Clark Memorial State Park	40S	217	67,580		A									x					x	x		x	x	x					
Keg Creek State Park	41S	957	67,580		A		x				x			x					x	x		x		x					
Senoia State Park	51S	10					x							x					x					x					
Franklin D. Roosevelt State Park	53S	5,063					x				x	x		x	x	x			x	x	x	x	x	x	x				
Yam Grande State Park	57S	6	S	A										x					x	x		x							
Lincoln State Park	58S	53					x							x					x	x									
Magnolia Springs State Park	59S	1,106	90	x			x				x			x					x	x	x	x	x	x					
Reidsville State Park	68S	121	S	x								x		x					x	x									
Little Ocmulgee State Park	70S	1,397	210	x			x				x			x	x				x	x		x	x	x					
Chehaw State Park	74S	553					x					x		x					x	x							x		

See footnotes at end of table.

GEORGIA	Number on map	Acreage		Significant features										Type of use				Activities											
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS—Continued																													
STATE—Continued																													
Recreation areas—Continued																													
Georgia Veterans Memorial State Park.....	76S	100	M	A															x	x	x	x	x	x					
Jekyll Island State Park.....	88S	11,000				x								x	x	x	x	x	x	x	x	x	x	x			x		
Laura S. Walker State Park.....	89S	160	120	x								x			x	x	x	x	x	x	x	x	x	x					
Fairchild State Park.....	94S	309	37,500	A											x		x		x	x		x	x						
Seminole State Park.....	95S	570	37,500	A											x				x	x	x	x	x	x					
Bainbridge State Park.....	97S	7				x									x				x			x							
Stephen Collins Foster State Park.....	98S	80												x	x	x	x	x	x		x	x		x					
Crooked River State Park.....	100S	582				x						x		x	x	x			x	x	x	x	x	x					
Monuments:																													
Scientific: Stone Mountain Confederate Memorial.....	30S	3,000									x		x	x	x	x	x	x	x	x	x	x							
Historic:																													
New Echota.....	4S	1											x		x														
Chief Vann House.....	5S	3											x		x			x											
Jarrett Manor.....	14S	2											x		x			x											
Nancy Hart State Park.....	17S	5											x		x				x										
Crawford M. Long Memorial Museum.....	18S	2											x		x			x											
Etowah Mounds Archeological Area.....	24S	160											x		x			x											
New Hope Church and Pickett's Mill.....	25S	1											x		x			x											
Fort Yargo State Park.....	33S	1,497											x		x			x		x	x								
Eagle Tavern.....	34S	2											x		x			x											
Washington Wilkes Historical Museum.....	37S	1											x		x														
White House.....	43S	1											x		x														
Roosevelt's Little White House.....	52S	4,000											x	x				x	x		x	x							
Fort McAllister.....	67S	12											x		x			x											
Troup Tomb.....	69S	1											x		x														
Kolomaki Mounds State Park.....	73S	1,283											x		x	x	x	x	x	x	x	x	x	x					
Chehaw Indian Monument.....	75S	1											x		x			x											
Jefferson Davis Memorial State Park.....	77S	13											x		x					x									
Midway Colonial Museum.....	79S	3											x		x														
Fort King George.....	85S	13											x		x														
MAJOR LOCAL																													
Beach: Sea Island Beach.....	87L	150													x	x	x	x	x			x	x	x					
MAJOR QUASI-PUBLIC AND PRIVATE																													
Foot trail: Appalachian Trail.....	11P	45 mi.						x			x		x		x	x			x	x					x		x		
POTENTIAL AREAS																													
NATIONAL																													
Seashore: Cumberland Island.....	102N	26,000				x					x				x	x	x	x	x	x	x	x	x	x		x			
Parkway: Blue Ridge Parkway extension (3).....	13N	15,000 (120 mi.)						x			x				x			x											
River: Suwannee (3) See Florida tabulation.																													
STATE																													
Parks:																													
Sope Creek (3).....	27S	300				x							x		x				x										
Ogeechee River (3).....	45S	3,000				x							x		x	x			x	x	x	x			x				
Flint River (3).....	54S	2,000				x							x		x	x			x	x	x	x			x				

See footnotes at end of table.

GEORGIA	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Recreation areas:																												
Hartwell (3).....	15S	800	L	A							x			x	x	x		x	x	x	x	x	x	x				
Lake Sidney Lanier.....	20S	1,028	38,024	A			x				x			x	x	x		x	x	x	x	x	x	x				
Mistletoe.....	42S	1,773	67,580	A			x				x			x	x			x	x	x	x		x					
Wassaw Island.....	64S	10,000					x				x			x	x	x		x	x	x	x	x	x	x		x		
General Coffee.....	78S	400					x							x	x			x	x	x	x	x	x	x				
Ossabaw Island.....	80S	24,000					x				x			x	x	x		x	x	x	x	x	x	x		x		
St. Catherine's Island.....	81S	13,600					x				x			x	x	x		x	x	x	x	x	x	x		x		
Sapelo Island.....	83S	13,000					x				x			x	x	x		x	x	x	x	x	x	x		x		
Little River.....	90S	1,500	500	A			x				x			x	x			x	x		x	x						
East Bank Flint.....	91S	176	L	A	x									x	x			x	x	x	x		x					
Four Mile Creek.....	92S	389	L	A										x	x			x	x	x	x		x					
Spring Creek.....	93S	485	L	A										x	x			x	x	x	x		x					
Monuments:																												
Scientific: Providence Canyon.....	71S	3,500				x		x			x		x	x			x	x	x	x								
Historic:																												
Harris House (Wren's Nest).....	31S	2										x		x			x											
Old State House.....	46S	10										x		x			x											
Sidney Lanier House.....	55S	2										x		x			x											
Mulberry Grove (3).....	60S	200										x		x			x											
Fort Wymberly.....	65S	100										x		x			x											
Owens Thomas House.....	66S	2										x		x			x											
Houston Sugar House (3).....	101S	50										x		x			x											
Free-flowing streams:																												
Ogeechee River.....	44S	245 mi.				x		x			x			x		x												
Flint River.....	50S	80 mi.				x		x			x			x		x												
LOCAL																												
Parks:																												
Fulton County Park (2 areas).....	28L	4,500													x				x									
DeKalb County Park.....	29L	2,000													x				x									
Cobb County Park.....	32L	1,500													x				x									

(1) Where acreage not shown:

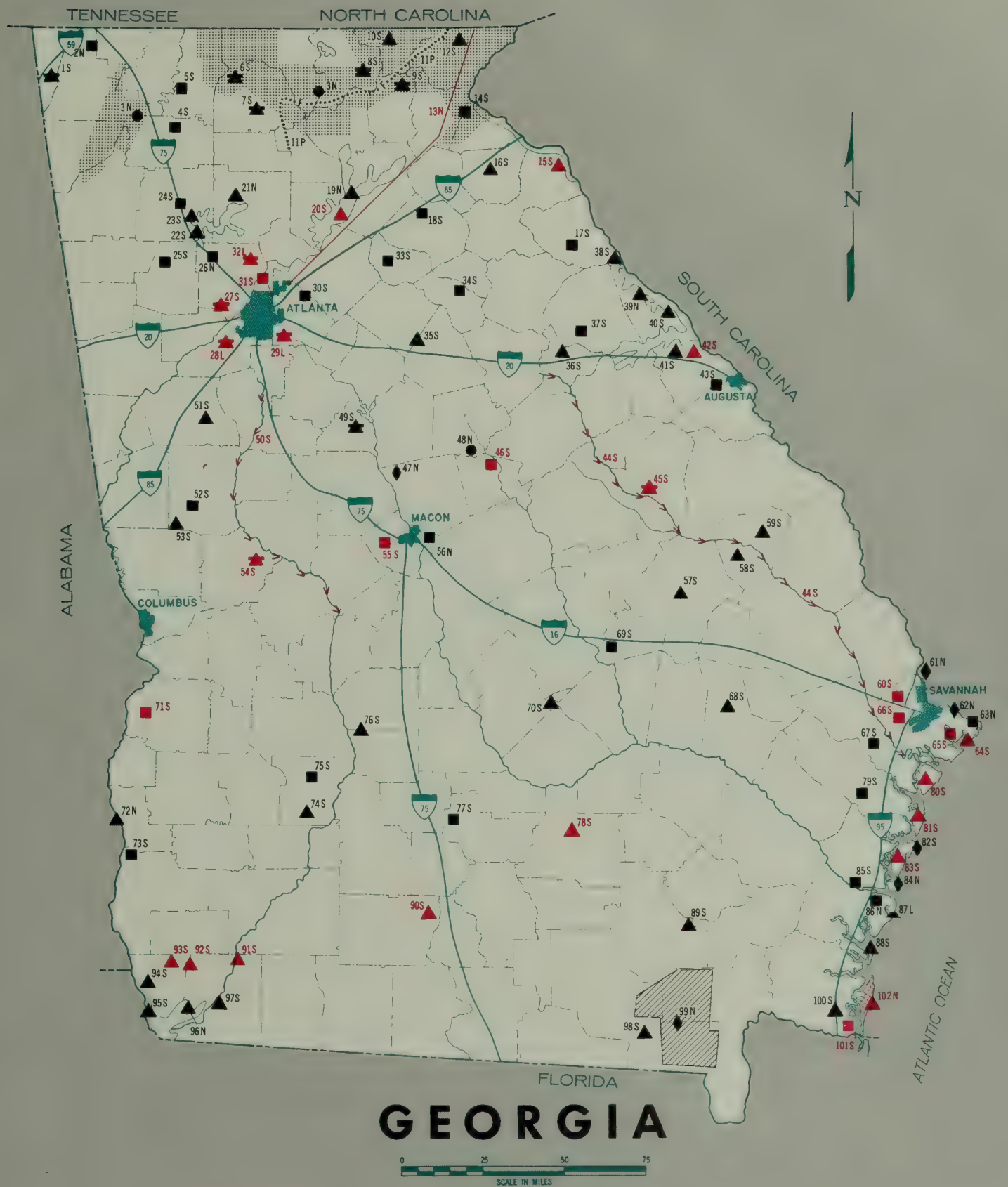
“S” indicates water surface under 500 acres.

“M” indicates water surface of 500 to 10,000 acres.

“L” indicates water surface over 10,000 acres.

(2) An “A” indicates all or major portions of water surface acreage is adjacent to area.

(3) Suggested area—qualifications not wholly determined. Further study required.



Existing		Potential	Existing		Potential	Existing		Potential
Park	★	★	Beach	▲	▲	Free-flowing Stream	~~~~~	~~~~~
Recreation Area, Etc.	▲	▲	Wildlife Area	◆	◆	NATIONAL PARK	▨	▨
Monument	■	■	Forest	●	●	NATIONAL FOREST	▤	▤
Nature Preserve	▣	▣	Foot Trail	.....f.....	.....f.....	NATIONAL WILDLIFE REFUGE	▧	▧
Wilderness	▢	▢	Parkway	—	—			

KENTUCKY

MOUNTAINS in the east and hill country and flatlands to the west combine to offer diversified recreation opportunities and potential in Kentucky.

The State's population increased 3.2 percent between 1950 and 1960 to 3,038,156. Projections indicate 3,363,000 by 1976. There is an average density of 76 persons per square mile, ranging from less than 20 in Trigg County to over 500 in counties along the Ohio River. Forty-five percent of the population is urban, concentrated chiefly in and around Louisville, Lexington, Ashland, Covington, and Henderson.

An estimated \$565 million was spent on tourism in 1959, ranking that industry seventh in the State's economy behind others such as agriculture, mining, and manufacturing.

Except for the eastern mountain section, Kentucky's recreation resources are accessible by means of the present road system. Five interstate routes and the Kentucky Turnpike will improve traffic flow.

Kentucky has three distinct regions: Cumberland Mountains in the east; Blue Grass uplands in the middle; and low plains in the west. The mountains offer not only relief from high temperature and humidity in summer, but the possibility of developing winter sports. About half the State remains forested.

Reservoirs provide existing and potential outdoor recreation opportunities, and other State and Federal water-control projects should increase such opportunities, especially in meeting local needs. There are 14,000 miles of running streams. Pollution is a continuing problem, although abatement procedures are progressing. Mineral extraction is an adverse factor in the recreation picture.

Existing and potential historic areas present the State's role in the first major westward movement and settlement beyond the Alleghenies and the important part played by Kentuckians in shaping national policies and national destiny. Four sites have been evaluated as possessing exceptional value in commemorating the history of the United States—Ashland in Lexington, Taylor House in Springfield, Perryville Battlefield, and Indian Knoll.

EXISTING PUBLIC AREAS

NATIONAL: The National Park Service administers a national park, a national historical park (partly in Tennessee and Virginia), and a national historic site, totaling 61,492 acres, with a 1960 attendance of 985,584. The Tennessee Valley Authority administers 1 reservoir (partly in Tennessee) of 158,300 total water-acres that had an attendance of 7,748,449 in 1960. The Corps of Engineers administers seven reservoirs. Two are under construction and three are partly in Tennessee. They have a total of 148,475 water-acres and had an attendance of 4,229,900 in 1960. The three major reservoirs, totaling 135,920 water-acres, are listed in the tabulation. The Forest Service administers 10 recreation areas totaling 600 acres in 1 national forest of 459,661 acres. The Bureau of Sport Fisheries and Wildlife administers two refuges (one partly in Tennessee) with 66,568 acres.

STATE: The Department of Parks has 33 parks (26,155 acres) that had an attendance of 5,500,000 in 1960. The Breaks Interstate Park Commission admin-



The proposed Between-the-Lakes National Recreation Area in Kentucky and Tennessee, with some 285 miles of shoreline, offers outstanding water-based recreation opportunities.

isters a 1,548-acre park on the Virginia-Kentucky line. The Kentucky portion of 30 acres is presently undeveloped. The Department of Fish and Wildlife Resources administers 64,790 acres in nine game management areas (not tabulated). The Department of Conservation administers six forests of 40,684 acres (not tabulated). There are 370 roadside parks administered by the Department of Highways (not tabulated).

LOCAL: Jefferson County operates nine parks of 2,700 acres and one forest of 1,489 acres. The city of Louisville operates one nonurban park of 2,200 acres.

PRIVATE ENTERPRISE: Bernheim Forest is an outstanding exception to the general lack of recreational development of private lands. Shakertown at Pleasant Hill exemplifies private effort in preserving segments of Kentucky's history. Concession-type facilities are well developed on reservoirs.

PARK AND RELATED NEEDS

The State park system will be enhanced both by the further development of existing areas and by the addition of new areas under the new revenue bond program. Such developments and acquisitions should be studied carefully in order that proper distribution and balance may be achieved and so that the areas and the developments on them may contribute best to the needs of the people of the State. The greatest area of need is that embracing Louisville, Lexington, and Covington.

For the present population of more than 3 million, existing State recreation areas now provide only 26,155 acres, and local areas, 6,389 acres. Even if these were ideally distributed, they still would meet only a fraction of the need. Potential areas identified in this plan total 16,272 acres of State significance and 575 acres of local significance. These fall far short of meeting

present needs—needs which will be even greater by 1976.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are made to help provide needed outdoor recreation opportunities for public enjoyment and use. Vigorous action will be needed to carry out such recommendations.

NATIONAL: Establish the Between-the-Lakes National Recreation Area. Study the feasibility of an Allegheny National Parkway extending from Hagerstown, Md., to Cumberland Gap National Historical Park. Study a feasible route which might lead to establishing a parkway connecting Great Smoky Mountains, Cumberland Gap, Mammoth Cave, and Natchez Trace. Portions of all these areas lie in other States.

STATE: Enlarge the State park system to preserve more scenic, scientific, and historic features. Five

areas are recommended, and seven additional areas are suggested for further study. Segments of five streams are suggested as canoe trails, and portions of six existing highways are considered important for designation as scenic routes.

LOCAL: Provide areas to meet local recreation needs. Two areas are suggested; additional areas should be provided.

Supporting recommendations include—

1. Study of the rivers and streams of the State to determine whether portions of them should be designated as free-flowing streams and developments controlled to protect their natural condition.
2. Provision for additional waysides along highways to improve pleasure driving for tourists and residents.
3. Cooperative planning by State agencies to assure recreational development on lakes in the small lakes program. Three major lakes in this program are within the Louisville-Lexington-Covington region—the area of greatest need.



Springfield, the Zachary Taylor House in Louisville, Kentucky, was the future President's home until his father's death in 1829.

KENTUCKY	Number on map	Acreage		Significant features								Type of use			Activities														
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Park: Mammoth Cave National Park.....	42N	50,696												x	x	x	x	x	x	x						x			
Recreation areas:																													
Kentucky Lake Reservoir.....	56N		158,300		x										x	x	x	x	x	x		x	x	x	x				
Lake Barkley Reservoir.....	58N		57,920		x										x	x	x	x	x	x		x	x	x	x				
Dale Hollow Reservoir.....	62N		27,700		x										x	x	x	x	x	x									
Lake Cumberland Reservoir.....	65N		50,300		x										x	x	x	x	x	x		x	x	x					
Monuments: Historic:																													
Abraham Lincoln Birthplace National Historic Site.....	37N	117										x		x		x	x												
Cumberland Gap National Historical Park (Kentucky portion).....	75N	10,679										x		x		x	x	x	x		x								
Forest: Cumberland National Forest.....	25N	459,661						x				x		x	x	x	x	x	x	x	x	x	x	x	x	x			
Wildlife areas:																													
Reelfoot National Wildlife Refuge (Kentucky portion).....	50N	809		x								x		x	x									x					
Kentucky Woodlands National Wildlife Refuge..	53N	65,759		x	A							x		x		x		x			x		x	x					
STATE																													
Parks:																													
Carter Caves State Park.....	14S	1,015	55	x										x	x	x	x	x	x	x	x	x	x	x	x		x		
Breaks Interstate Park.....	19S	30				x								x	x		x	x											
Natural Bridge State Park.....	26S	1,337	58	x										x	x	x	x	x	x	x	x	x	x	x	x		x		
Cherokee State Park.....	54S	360	158,300		A										x	x		x	x			x		x					
Kentucky Lake State Park.....	55S	1,414	158,300		A										x	x	x	x	x			x	x	x	x				
Lake Cumberland State Park.....	64S	3,000	50,300		A										x	x	x	x	x			x	x	x	x		x		
Cumberland Falls State Park.....	70S	1,012				x		x						x	x	x	x	x	x	x	x	x	x	x	x		x		
Pine Mountain State Park.....	74S	2,500	50	x				x							x	x		x	x	x	x	x	x	x	x		x		
Recreation areas:																													
General Butler State Park.....	7S	809	S	x		x							x		x	x		x	x	x			x				x		
Falmouth Lake State Park.....	11S	550	150	x											x		x	x	x			x	x	x	x				
Greenbo Lake State Park.....	15S	3,300	300	x											x	x	x	x	x			x	x	x	x		x		
Jennie Wiley State Park.....	18S	1,940	860		A										x	x	x	x	x			x	x	x	x				
Buckhorn Lake State Park.....	22S	1,800	1,230		A										x	x		x	x			x	x	x	x				
Rough River Dam State Park.....	43S	2,200	1,600		A										x	x	x	x	x			x	x	x	x				
Pennyrile Forest State Park.....	46S	400	56	x				x							x	x		x	x	x	x	x	x	x	x		x		
Piney Creek Lake.....	47S	650	650	x											x			x				x		x					
Kentucky Dam Village State Park.....	52S	1,182	158,300		A										x	x	x	x	x	x	x	x	x	x	x				
General Burnside Island State Park.....	66S	500	50,300		A										x			x	x	x	x		x	x					
Monuments:																													
Scientific: Big Bone Lick State Park.....	8S	63													x	x		x	x	x									
Historic:																													
Blue Licks Battlefield State Park.....	12S	100											x	x	x				x	x							x		
William Whitley House State Shrine.....	28S	10													x				x	x									
Isaac Shelby Memorial State Shrine.....	29S	1													x														
Constitution Square State Shrine.....	30S	1													x				x										
Pioneer Memorial State Park.....	33S	28													x				x	x									
Perryville Battlefield Monument (4).....	34S	30													x				x	x									
Lincoln Homestead State Park.....	38S	112													x				x	x									
My Old Kentucky Home State Shrine.....	39S	235													x				x	x									
Audubon State Park.....	44S	520	20	x									x	x	x	x			x	x	x		x	x	x		x		
Columbus Belmont Battlefield State Park....	49S	177	2	x											x			x	x										
Jefferson Davis Monument State Park.....	59S	22													x			x	x	x									
Old Mulkey Meeting House State Shrine....	61S	30													x				x	x									

See footnotes at end of table.

KENTUCKY	Number on map	Acreage		Significant features										Type of use			Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS—Continued																													
STATE—Continued																													
Monuments—Continued																													
Historic—Continued																													
Levi Jackson Wilderness Road State Park . . .	72S	815		x								x		x	x		x	x	x	x	x		x	x		x			
Dr. Thomas Walker Memorial State Shrine . .	73S	12										x		x				x											
MAJOR LOCAL																													
Parks:																													
Jefferson County (13 parks)	3L	2,700	S	x			x							x				x											
Otter Creek	41L	2,200				x								x				x		x	x	x	x						
Forest: Jefferson County Forest	1L	1,489	11	x			x				x			x				x		x	x	x							
MAJOR QUASI-PUBLIC AND PRIVATE																													
Monuments: Historic:																													
Locust Grove	2P	1										x		x			x												
McDowell House and Apothecary Shop	31P	1										x		x			x												
Nature preserve: Bernheim Forest	40P	10,000	50	x			x						x	x			x	x	x	x		x			x				
POTENTIAL AREAS																													
NATIONAL																													
Recreation area: Between-the-lakes (Kentucky portion) (5)																													
57N	130,365	216,220	A	x										x	x	x	x	x	x	x	x	x	x	x	x				
Parkways:																													
20N	86 mi.										x			x		x	x	x	x										
36N	200 mi.										x			x		x	x	x	x										
STATE																													
Parks:																													
23S	1,000	2	x								x			x			x	x	x	x			x						
24S	5,300	250	x								x			x	x		x	x	x	x		x	x			x			
32S	6,000				x								x	x	x		x	x	x	x			x		x				
77S	640	20	x								x		x	x	x		x	x	x	x		x							
Recreation areas:																													
10S	1,200												x		x		x	x											
45S	1,126	826	x											x			x	x	x	x	x	x	x						
60S	700		A											x	x		x	x		x	x	x	x						
76S	125	S	A											x			x	x				x							
Monuments: Historic:																													
27S	50												x		x			x											
4S	1												x		x			x											
35S	80												x		x			x											
48S	50												x		x			x	x										
Scenic roads:																													
6S	92 mi.				x									x			x	x											
9S	25 mi.												x		x			x	x										
21S	87 mi.						x				x			x			x	x											
51S	46 mi.				x									x			x	x											
63S	129 mi.		A								x			x			x	x											
67S	75 mi.				x		x				x			x	x		x	x											

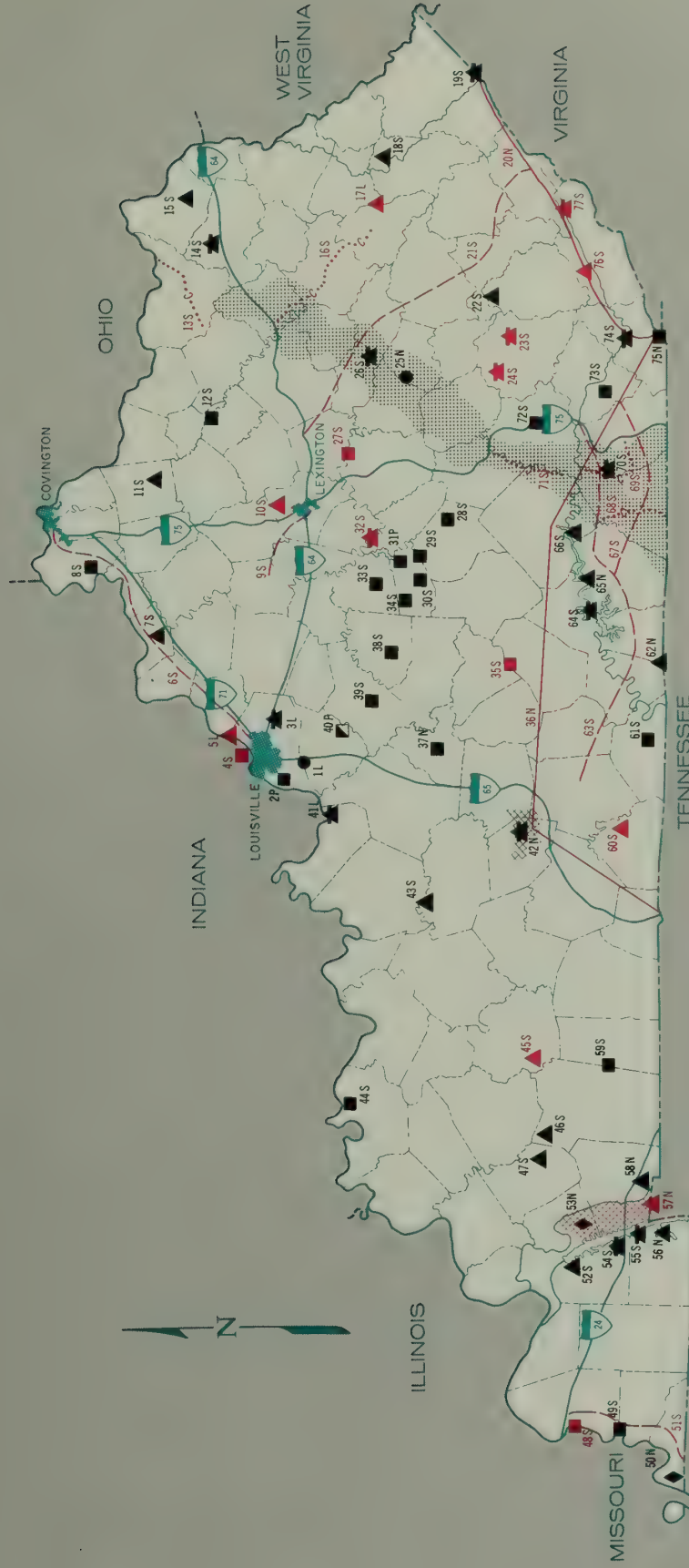
See footnotes at end of table.

KENTUCKY	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Canoe trails:																												
Kinniconick Creek (3)	13S	27 mi.				x								x	x				x		x							
Licking River (3)	16S	45 mi.				x								x	x				x		x							
South Fork-Cumberland River (3)	68S	22 mi.				x								x	x				x		x							
Cumberland River (3)	69S	24 mi.				x								x	x				x		x							
Rochcastle River (3)	71S	17 mi.				x								x	x				x		x							
LOCAL																												
Recreation areas:																												
Twelve Mile Island (3)	5L	75				x									x				x			x		x				
Hell's Half Acre (3)	17L	500	50	x							x				x			x	x		x		x					

- (7) Where acreage not shown: "S" indicates water surface under 500 acres.
(2) An "A" indicates all or major portions of water surface acreage is adjacent to area
(3) Suggested area—qualifications not wholly determined. Further study required.
(4) Eligible for Registered National Historic Landmark status.
(5) Proposed for administration by the Tennessee Valley Authority.



The Cumberland River's scenic solitudes and free-flowing course suggest designation as a canoe trail.



KENTUCKY



	Existing	Potential
Park	▲	★
Recreation Area, Etc.	▲	▲
Monument	■	■
Nature Preserve	▣	▣
Wilderness	▣	▣
Beach	◐	◐
Wildlife Area	◐	◐
Forest	●	●
Foot Trail	.....f.....	.....f.....
Canoe Trail	.....c.....	.....c.....
Parkway	—	—
Scenic Route	—	—
NATIONAL PARK	▦	▦
NATIONAL FOREST	▧	▧

LOUISIANA

LOUISIANA lies wholly within the Gulf Coastal Plain. The rolling, forest-clad hills of northern Louisiana contrast sharply with the lush bayous of the southern portion.

The 1960 population was 3,257,022, an increase of 21.4 percent over 1950. Projections indicate 4,114,000 people by 1976. Sixty-three percent of the population was urban in 1960. The average density was 72 persons per square mile. Greatest concentrations are in the New Orleans-Baton Rouge area and in the Shreveport area.

The tourist industry, valued at \$499 million in 1959, ranks fifth in importance in the State's economy.

Roads furnish generally good access to the State's recreation areas, except in the lower bayou country. Rail and air service is important in bringing visitors to the New Orleans area. Although new interstate highways will increase east-west movement, lack of a north-south interstate may have an adverse effect on travel from the north.

Water-based recreation is extensive, with activities on the Mississippi River and other streams, the gulf coast, lakes, and bayous. The gulf coast is a major winter objective for geese and ducks on the Mississippi flyway and the year-round home of sea and freshwater birds. Hunting and fishing opportunities are outstanding. Uplands are well forested. The climate provides a year-round recreation season. The major State recreation opportunities are within 1 day's drive of 8 million people. Archeological and historical resources are varied and important. The Cabildo, Jackson Square, and Ursuline Convent in New Orleans, Fort de la Boulaye, Fort Jackson, Fort St. Philip, and Fort Jesup possess outstanding values in commemorating the history of the United States.

EXISTING PUBLIC AREAS

NATIONAL: The National Park Service administers 1 national historical park of 70 acres that had an attendance of 473,400 in 1960. The Forest Service administers a national forest of 591,566 acres in which there are five recreation areas of 3,078 acres. The 1960 attendance was 398,300. The Bureau of Sport Fisheries and Wildlife administers 235,565 acres in five national wildlife refuges. The 1960 attendance was 81,341.

STATE: The Parks and Recreation Commission administers 16 parks and monuments totaling 12,238 acres. The 1960 attendance was 1,709,400. The Forestry Commission operates one forest of 8,000 acres. The Wildlife and Fisheries Commission administers 848,301 acres in 34 fish and game management areas. The Department of Highways has 66 roadside parks.

PRIVATE ENTERPRISE: Numerous privately developed facilities for fishing and hunting are provided at lakes and along the gulf coast. The FAIR (Federation and Industry Recreation) program, inaugurated in 1958 by the Louisiana Wildlife Federation and the Olin Mathieson Chemical Corp., makes corporation lands available for public outdoor recreation development. The program is expanding as other landholding companies become interested.

PARK AND RELATED NEEDS

There is a major need to provide more recreation facilities for the million people in the New Orleans-Baton Rouge area. The State park and recreation



An aerial view reveals the circular pattern of ancient Indian earthworks at Poverty Point, La., a potential national monument.

JUNIUS B. BIRD, AMERICAN MUSEUM OF NATURAL HISTORY.

system lacks scientific monuments, nature preserves, beaches, and sufficient recreation areas for a well-rounded system.

Existing State parks and recreation areas provide 12,200 acres for 3,257,022 residents. Potential areas of State significance identified in this plan total 106,800 acres; potential local areas, 800 acres. Additional areas are needed especially at the local level, and by 1976 needs will be greater.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are made to help provide needed outdoor recreation opportunities for public enjoyment and use. Vigorous action is urged to carry out such a program.

NATIONAL: Establishing Poverty Point as a national monument.

STATE: Enlargement of the State park and recreation system to protect more adequately scenic, scientific, historic, and archeologic areas having State significance. Three parks, one historic and archeologic site, and four nature preserves are recommended. Four additional areas are suggested for further study.

Provision of additional recreation areas and beaches. Four recreation areas are recommended and seven additional ones are suggested for further study, including two on the proposed Toledo Bend Reservoir.

Addition to existing areas for better administration and use.

Development of one parkway and two scenic roads. Supporting recommendations include—

1. Provision of public fishing access points on old highways and continuation of the present policy of providing access points along newly constructed highways.
2. Provision of additional waysides for tourist and resident safety, comfort, and pleasure driving needs.

LOUISIANA

LOUISIANA	Number on map	Acreage		Significant features									Type of use			Activities													
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River (1)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Monument: Historic:																													
Chalmette National Historical Park.....	48N	70										x	x		x	x	x												
Forest: Kisatchie National Forest.....	5N	591,566	2,572	x		x		x				x			x	x	x	x	x	x	x	x	x	x	x				
Wildlife areas:																													
Catahoula National Wildlife Refuge.....	13N	5,000		A				x				x			x							x	x	x					
Breton Islands National Wildlife Refuge.....	45N	7,512					x					x																	
Delta National Wildlife Refuge.....	46N	48,834				x	x					x			x									x					
East Timbalier National Wildlife Refuge.....	51N	337					x					x																	
Shell Keys National Wildlife Refuge.....	55N	8					x					x																	
Lacassine National Wildlife Refuge.....	57N	31,125	16,000	x								x			x									x					
Sabine National Wildlife Refuge.....	58N	142,749	30,000	x								x			x							x	x	x					
STATE																													
Parks:																													
Sam Houston State Park.....	24S	1,068				x									x				x		x				x				
Chicot State Park.....	25S	6,479	2,000	x											x	x			x	x	x	x	x	x					
Fontainebleau State Park.....	41S	2,605		A									x		x	x		x	x	x	x	x	x				x		
Recreation areas:																													
Lake Bistineau State Park.....	3S	950		A											x	x		x	x		x	x	x	x					
Chemin-a-Haut State Park.....	6S	550				x									x	x			x		x	x	x	x			x		
Lake Bruin Wayside Park (3).....	10S	54		A		x									x		x	x	x		x	x	x	x					
Bogue Falaya Waywide Park (3).....	38S	13				x											x	x					x						
Abita Springs Wayside Park.....	39S	6				A									x				x				x						
Monuments:																													
Scientific: Audubon Memorial State Monument.....	29S	100											x		x		x	x	x								x		
Historic:																													
Mansfield Battle Park State Monument.....	4S	44											x		x		x	x	x										
Marksville Prehistoric Indian Park State Monument.....	15S	40											x		x		x	x	x		x								
Fort Jesup State Monument.....	20S	22											x		x		x	x	x										
Longfellow-Evangeline State Park.....	27S	157				x							x		x	x	x	x	x		x	x	x						
Fort Pike State Monument.....	42S	125		A									x		x		x	x	x			x	x	x					
Fort Macomb State Monument.....	43S	19		A									x		x														
Edward Douglass White Memorial State Monument.....	52S	6											x		x		x	x	x										
Forest: Alexander State Forest.....	16S	8,000						x																					
MAJOR QUASI-PUBLIC AND PRIVATE																													
Monuments: Historic:																													
Forts Jackson and St. Phillips (4).....	47P	2,300											x		x			x											
Fort De La Boulaye (4).....	49P	50											x		x			x											
POTENTIAL AREAS																													
NATIONAL																													
Monument: Historic: Poverty Point (4).....																													

See footnotes at end of table.

LOUISIANA

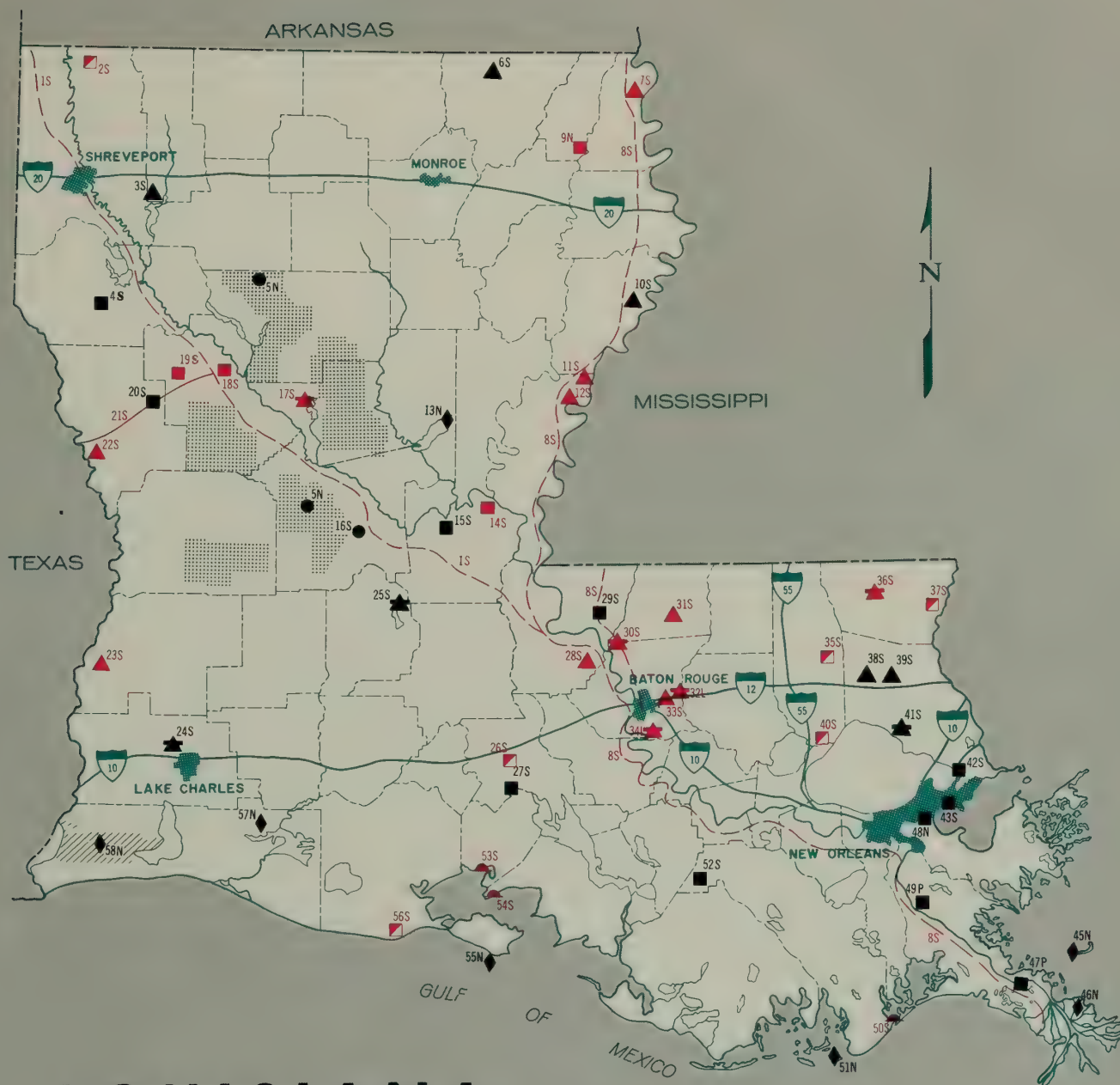
LOUISIANA	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE																												
Parks:																												
Iatt Lake	17S	5, 000		A											x	x		x	x	x	x	x	x	x				
Port Hudson	30S	5, 000											x	x	x	x	x	x	x	x	x	x	x	x				
Friche's Cave	36S	1, 000												x	x	x		x	x	x		x				x		
Recreation areas:																												
Lake Providence	7S	200		A										x	x		x	x	x		x	x	x	x				
Lake St. John	11S	200		A										x	x		x	x	x		x	x	x	x				
Lake Concordia	12S	200		A										x	x		x	x	x		x	x	x	x				
Sabine (2)	22S	5, 000			A										x	x		x	x	x	x	x	x	x				
Beauregard (2)	23S	5, 000			A										x	x		x	x	x	x	x	x	x				
False River	28S	500		A										x	x			x	x		x	x	x	x				
Idlewild (2)	31S	1, 700	20	x			x								x	x		x	x	x	x	x	x	x		x		
Waddil (2)	33S	237				x	x								x		x	x	x				x					
Monuments:																												
Scientific: Red River Cypress Swamp (2)	14S	15, 000					x				x				x		x	x	x	x		x			x		x	
Historic:																												
Fort St. Jean Baptiste De Natchetoches (2) . .	18S	20												x		x		x	x									
Los Adaes	19S	100												x		x			x									
Nature preserves:																												
Dogwood Trail	2S	5, 000					x								x			x	x	x						x		
Atchafalaya	26S	15, 000										x			x			x		x		x		x		x		x
Zemurray	35S	5, 000					x					x			x			x	x	x						x		
Laurels (2)	37S	100					x								x			x	x							x		
Pass Manchac Swamp	40S	35, 000		A			x								x		x	x	x	x		x		x		x		x
Chienere au Tigre (2)	56S	500				A	x								x			x	x	x	x					x		x
Beaches:																												
Grand Isle (2)	50S	1, 000				A									x	x		x	x		x		x	x				
Vermilion (2)	53S	5, 000				A									x	x		x	x	x	x		x			x		
Cypremont (2)	54S	1, 000				A									x	x		x	x		x		x	x		x		
Parkway: El Camino Real	21S	47 mi.												x		x			x									
Scenic roads:																												
Route 1	1S	280 mi.					x							x	x	x		x	x	x								
Great River Road	8S	431 mi.				x									x	x	x		x	x	x							
LOCAL																												
Parks:																												
Northeastern Parish Park	32L	286				x		x							x				x	x	x		x			x		
Southern Parish Park	34L	487					x								x				x	x	x		x			x		

(1) An "A" indicates all or major portions of water surface acreage is adjacent to area.

(2) Suggested area—qualifications not wholly determined. Further study required.

(3) Major additions recommended.

(4) Eligible for Registered National Historic Landmark status.



LOUISIANA



	Existing	Potential		Existing	Potential
Park	★	★	Foot Trail	.....F.....	.....F.....
Recreation Area ,Etc.	▲	▲	Horse Trail	.....H.....	.....H.....
Monument	■	■	Parkway	—————	—————
Nature Preserve	▣	▣	Scenic Route	—————	—————
Wilderness	▤	▤	NATIONAL FOREST	▦	▦
Beach	▲	▲	NATIONAL WILDLIFE REFUGE	▨	▨
Wildlife Area	◆	◆			
Forest	●	●			

MARYLAND

MARYLAND, one of the Thirteen Original Colonies, extends from the Mason-Dixon line to the Potomac River and from the Atlantic Ocean to the Allegheny Mountains. Its rivers, bays, and ocean beaches serve the large urban population of the Baltimore-Washington region. The last remaining opportunities for acquisition of ocean beachland and Chesapeake Bay shoreland are rapidly disappearing.

The State population in 1960 was 3,100,689, a gain of 32.3 percent in the last decade. Projections indicate 4,490,000 by 1976. Seventy-two percent of the people live in urban areas. In 1960 there were 314 people for each square mile in the State.

Outdoor recreation ranks third in the State's economy, with an estimated tourist expenditure of \$225 million for 1959.

Forests in the northwestern portion of the State and the rivers, bays, and ocean beaches are Maryland's primary recreation assets. Bay and tidal waters are brackish and pollution is a problem, but beaches are usable. There are very few natural lakes within the State. Existing flood-control and water-supply reservoirs offer possibilities for more extensive use.

The climate varies with the topography. Summers are hot and humid, and winters relatively mild in the bay and piedmont sections. The western mountain region is cool and pleasant in summer. Winters are cold, with snow for winter sports.

Hunting is an important recreational activity of the resident population. Stream and ocean fishing and crabbing are popular. Public access to fishing areas is good.

Maryland is rich in historic sites dating from the colonial period to the present time. Many sites are being preserved and restored by the Department of

Forests and Parks. In addition to sites in the National Park System, five sites have been evaluated as possessing exceptional value in commemorating the history of the United States.

EXISTING PUBLIC AREAS

NATIONAL: The National Park Service administers five national monuments and historic sites and two parkways totaling 9,062 acres. The 1960 attendance was 714,000. The National Capital Parks System, administered by the National Park Service, includes a number of parks and related areas in Maryland totaling 14,322 acres. The Bureau of Sports Fisheries and Wildlife administers four national wildlife refuges of 16,795 acres. There are two reservoirs of 794 acres under the Corps of Engineers.

STATE: The Department of Forests and Parks, State Parks and Historic Sites Section, administers 20 parks and historic sites totaling 19,034 acres. The 1960 attendance was 3,263,684. The State Forests Section administers 119,669 acres in nine forests. The 1960 attendance was 549,755. The Game and Inland Fish Commission has 25,176 acres in 13 shooting areas and 11,623 acres in 25 game refuges. There is 1 historic site of 1 acre under the Maryland Tercentenary Memorial Commission and 105 waysides administered by the Roads Commission.

LOCAL: Major local nonurban park and recreation areas number 84, with 12,185 acres.

QUASI-PUBLIC AND PRIVATE: Three nature preserves consisting of 411 acres, 37 miles of the Appalachian Trail, and eight historic monuments.



Thirty-two-mile-long Assateague Island, in Maryland and Virginia, lying close to the metropolitan centers of Washington and Baltimore, represents one of the largest and last remaining undeveloped seashores of its size in the East.

U.S. FISH AND WILDLIFE SERVICE.

PRIVATE ENTERPRISE: There are numerous private beaches and resorts on Chesapeake Bay, a major seaside resort at Ocean City, and extensive summer resort development in the mountain sections, particularly on Deep Creek Lake.

PARK AND RELATED NEEDS

The Baltimore and Washington, D.C., metropolitan areas generate major needs for day and weekend recreation. An immediate need exists for beach, marina, and boat-launching facilities tied in with existing State park development in the west shore region of Chesapeake Bay and at proposed areas of the State park system on the eastern shore. While a significant number of historic sites have been preserved and developed, rich historical resources remain to be added to a system encompassing representative periods of the State's history.

For the present population of over 3 million (including half of the District of Columbia population), existing State parks and recreation areas provide only 22,106 acres, and local areas an additional 12,185 acres. Potential areas of State significance identified in this plan total 136,824 acres. If these areas were acquired and developed, they would go a long way toward meeting the needs anticipated by 1976. Only 160 acres of potential local park areas are identified. Many more local areas should be acquired before the open space in urban areas disappears completely.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. If the following recommendations are implemented by vigorous action on the part of the agencies concerned, they can help provide needed outdoor recreation opportunities for public enjoyment and use.

NATIONAL: Establishment of the Chesapeake and Ohio Canal as a national historical park, Assateague Island as a national seashore, and the Mount Clare Station and B&O Railroad Museum as a national historic site. Completion of the George Washington Memorial Parkway. Establishment of a Piscataway park as authorized by Congress. A feasibility study of an Allegheny parkway (4 miles in Maryland).

Further studies of the Youghiogheny River to determine its national recreation significance; the Patuxent and Suitland Bog for possible use as a unit of the National Capital Park System; and an Appalachian Parkway from Shenandoah National Park through Maryland and north into Pennsylvania and New England.

STATE: Expansion of the State park system by the addition of four new parks and six recreation areas and making major additions to five existing areas. Three other parks and 11 recreation areas are suggested

for further consideration. Designation and protection of one free-flowing stream. Further study of a suggested free-flowing stream and of four suggested canoe trails.

LOCAL: Establishment of a Hunting Creek recreation area.

Supporting recommendations include—

1. Protection of all major river and stream courses from development and adverse use, and determined efforts to alleviate pollution in State waterways.
2. A comprehensive survey of archeological and historic sites and preservation of those found to possess educational and inspirational values.
3. A comprehensive study of the 3,600-mile shoreline of Chesapeake Bay to develop a long-range recreation plan for the protection and orderly development of the bay shorelands.



Young anglers try their luck in the old Chesapeake and Ohio Canal, which parallels the Potomac River in Maryland. It is proposed as a 15,000-acre national historical park.

NATIONAL PARK SERVICE

MARYLAND	Number on map	Acreage		Significant features								Type of use				Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Parks:																												
Catoctin Mountain Park.....	35N	5,746						x			x	x			x													
Other Maryland National Capital Parks.....	73N	5,041													x				x			x	x	x		x		
Recreation areas:																												
Youghiogheny Reservoir.....	1N	294	M		x			x				x			x	x		x	x	x	x	x	x	x		x		
Chesapeake and Delaware Canal.....	52N	500				x		x				x			x	x		x	x	x	x	x	x	x		x		
Monuments: Historic:																												
Antietam National Battlefield Site.....	41N	184											x		x	x		x										
Harpers Ferry National Historical Park (Maryland portion).....	43N	770				x						x	x		x	x		x	x							x		
Hampton National Historic Site.....	61N	45										x		x	x	x		x										
Fort McHenry National Monument.....	62N	43				x						x		x	x	x		x										
Chesapeake and Ohio Canal (see potential national area tabulation, next page).....		4,475																										
Wildlife areas:																												
Susquehanna National Wildlife Refuge.....	50N	4				x									x												x	
Blackwater National Wildlife Refuge.....	90N	11,216				x						x			x		x	x						x		x		
Chincoteague National Wildlife Refuge.....	95N	418					x					x			x							x		x		x		
Martin National Wildlife Refuge.....	97N	2,482				x						x			x		x					x	x	x		x		
Parkways:																												
Baltimore-Washington Parkway.....	72N	2,885													x			x										
Suitland Parkway.....	79N	660													x			x										
STATE																												
Parks:																												
Deep Creek Lake State Park.....	11S	1,723	M		A			x				x			x	x		x	x	x	x	x	x	x		x		
Dans Mountain State Park.....	13S	322						x					x		x				x	x				x				
Pen Mar State Park.....	32S	77										x	x					x								x		
Cunningham Falls State Park (6).....	36S	4,447				x		x			x	x			x													

MARYLAND	Number on map	Acreage		Significant features									Type of use			Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS—Continued																													
STATE—Continued																													
Monuments: Historic—Continued																													
Old State House (7).....	99S	1										x		x			x												
MAJOR LOCAL																													
Forests:																													
Savage River State Forest.....	4S	51, 175	M	x	x		x				x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x		
Green Ridge State Forest.....	20S	25, 451				x	x				x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x		
Recreation areas:																													
Pretty Boy Reservoir.....	47L	1, 850	M	x			x					x			x				x	x		x		x		x			
Harford Glen Recreation Area.....	54L	392	200	x											x				x	x		x	x	x		x			
Albert D. Graham Memorial.....	56L	116													x				x	x		x	x	x		x			
Loch Raven Reservoir.....	57L	2, 000	M	x			x					x			x				x	x		x		x		x			
Robert E. Lee Memorial Park.....	58L	173	S	x											x				x	x		x	x						
Baltimore County Parks (18 areas).....	59L	194													x				x	x						x			
Liberty Reservoir.....	60L	2, 300	M	x			x					x			x				x	x		x		x		x			
Triadelphia Reservoir.....	65L	410	M	x			x					x			x				x	x		x		x		x			
Rocky Gorge Reservoir.....	68L	405	M	x			x					x			x				x	x		x		x		x			
Fort Smallwood.....	70L	100				x							x		x				x	x		x	x			x			
Washington-Maryland Metropolitan District Parks (56 areas) (6).....	71L	3, 830													x				x	x						x			
Dorchester County Park.....	91L	4													x				x	x									
MAJOR QUASI-PUBLIC AND PRIVATE																													
Monuments: Historic:																													
Hammond-Harwood House.....	100P												x		x		x	x											
Baltimore & Ohio Station, Ellicott City.....	101P												x		x		x	x											
Thomas Viaduct.....	102P												x		x		x	x											
Jonathan Hager House.....	103P												x		x		x	x											
Fort Cumberland.....	104P												x		x		x	x											
Johns Hopkins University.....	105P												x		x		x	x											
St. John's College.....	106P												x		x		x	x											
Roger B. Taney House.....	107P												x		x		x	x											
Nature preserves:																													
Cranesville Swamp.....	8P	290										x			x			x								x			
Battle Creek Cypress Swamp.....	87P	100										x		x	x			x								x			
Hellen Creek Hemlock.....	88P	21					x					x			x			x								x			
Foot trail: Appalachian Trail.....	33P	37 mi.			x		x				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
POTENTIAL AREAS																													
NATIONAL																													
Park: Patuxent and Suitland Bog (3) (8).....	78N	4, 190																											
Recreation Area: Youghiogheny River (3).....	7N	3, 500																											
Seashore: Assateague (9).....	93N	18, 000																											
Monuments: Historic:																													
Chesapeake and Ohio Canal National Historical Park (4).....	44N	15, 000			x		x				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Mount Clare Station National Historic Site.....	63N	10											x		x		x	x								x			
Piscataway (5).....	81N	1, 186											x		x			x	x							x			
Parkways:																													
Allegheny Parkway.....	30N	4 mi.					x				x	x			x	x	x	x	x	x	x					x			
Appalachian Parkway (Maryland portion) (3).....	34N	38 mi.					x				x	x			x	x	x	x	x	x	x					x			
George Washington Memorial Parkway (5).....	80N	22 mi.					x				x	x			x	x	x	x	x	x						x			

MARYLAND

		Number on map	Acreage		Significant features								Type of use			Activities												
			Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
MARYLAND																												
POTENTIAL AREAS—Continued																												
STATE																												
Parks:																												
Wills Mountain Historic Reserve.....	17S	400							x				x	x		x				x	x						x	
South Mountain.....	37S	15,000							x				x			x				x	x						x	
Sugar Loaf Mountain (3).....	46S	3,850							x				x	x		x		x	x	x	x						x	
Deer Creek (3).....	49S	425							x						x		x			x	x						x	
Patuxent River Park.....	69S	8,500							x							x				x	x						x	
Fort Washington.....	82S	300							x						x		x			x	x						x	
Cliffs of Calvert (3).....	89S	185							x							x	x										x	
Recreation areas:																												
Casselman Bridge (3).....	3S	4							x							x				x	x							
Savage River Reservoir No. 2.....	6S	18,320	320						x	x	x					x	x	x		x	x						x	
North Branch Reservoir.....	15S	3,330	1,030						x	x						x	x	x		x	x						x	
Dans Rock (3).....	16S	50														x	x			x	x							
Rocky Gap Reservoir (3).....	18S	2,200							x	x							x	x	x		x	x					x	
Town Creek Reservoir (3).....	19S	9,000	2,000						x	x						x	x	x		x	x						x	
Sidling Hill Creek Reservoir (3).....	21S	4,950	950						x	x						x	x	x		x	x						x	
Tonolaway Creek Reservoir (3).....	23S	3,650	1,650						x	x						x	x	x		x	x						x	
Licking Creek Reservoir (3).....	24S	4,500	2,500						x	x						x	x	x		x	x						x	
Conococheague Creek Reservoir (3).....	27S	18,600	7,600						x	x						x	x	x		x	x						x	
Monocacy Reservoir No. 2.....	38S	26,900	11,200						x	x							x	x	x		x	x					x	
Big Seneca Creek Reservoir.....	67S	2,250	500						x	x						x	x			x	x						x	
Trappe State Park.....	77S	1,000							x							x	x	x		x	x						x	
Mattawoman Creek (3).....	83S	4,000							x							x				x	x						x	
Zekiah Swamp Run.....	84S	7,700							x							x		x		x	x						x	
Gilbert Run Reservoir (3).....	86S	1,500	S						x							x				x	x							
Point Lookout Recreation Reserve (3).....	98S	210							x							x				x	x							
Free-flowing streams:																												
Potomac River.....	29S	150 mi.							x							x	x	x		x	x						x	
Pocomoke River (3).....	92S	70 mi.							x							x	x			x	x						x	
Canoe trails:																												
Conococheague Creek (3).....	26S	15 mi.							x							x				x							x	
Potomac River (3).....	28S	74 mi.							x							x	x			x							x	
Antietam Creek (3).....	31S	25 mi.							x							x				x							x	
Monocacy River (3).....	45S	18 mi.							x							x				x							x	
LOCAL																												
Recreation area: Hunting Creek.....	76L	160	40						x							x												

(7) Where acreage not shown:

"S" indicates water surface under 500 acres.

"M" indicates water surface of 500 to 10,000 acres.

(2) An "A" indicates all or major portions of water surface acreage is adjacent to the area.

(3) Suggested area—qualifications not wholly determined. Further study required.

(4) Area is an existing national monument with 4,475 acres of land.

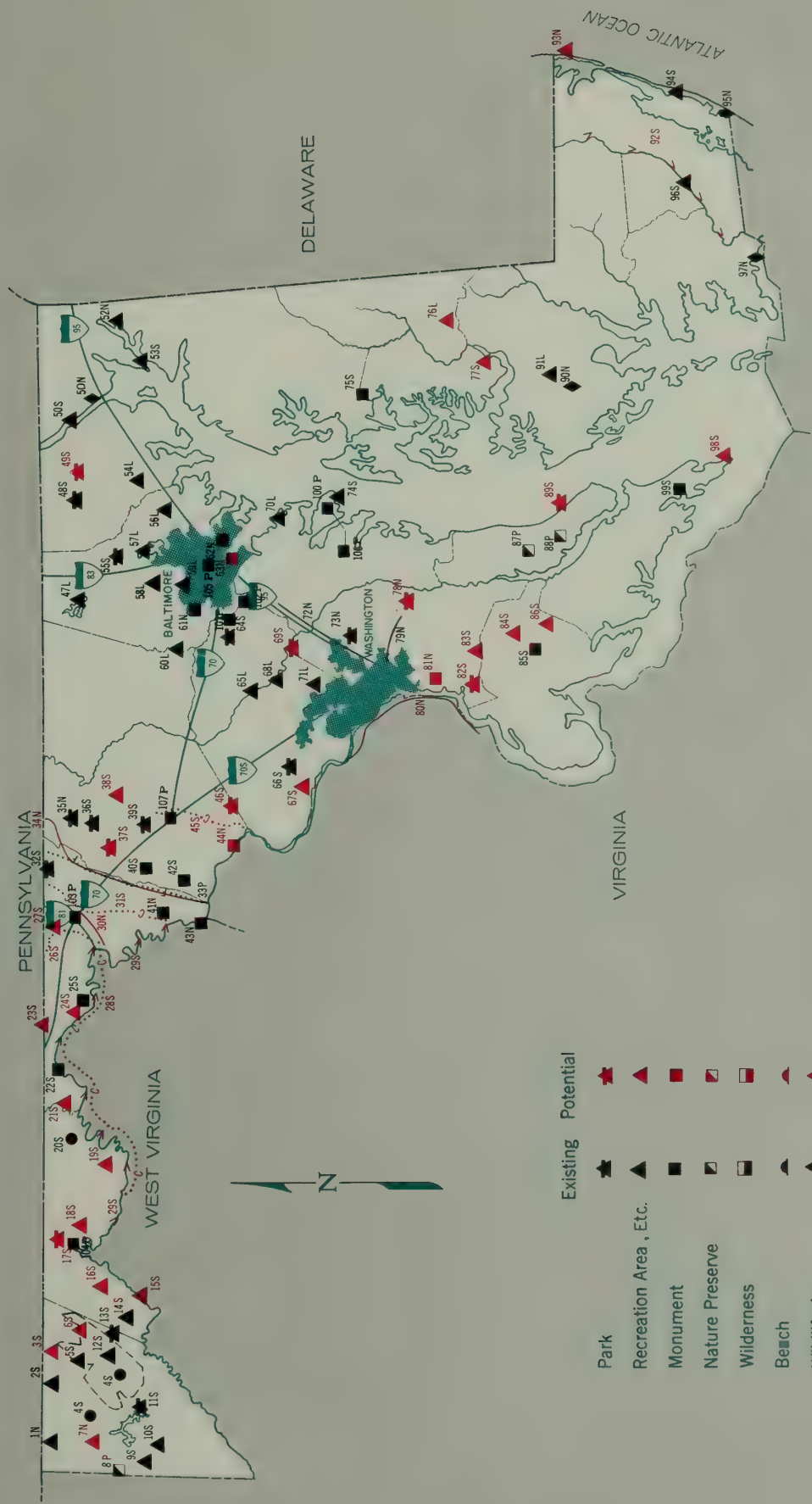
(5) Area authorized by Congress; not yet established.

(6) Major additions recommended.

(7) Eligible for Registered National Historic Landmark status.

(8) Envisioned as a possible unit of the National Capital Park System.

(9) Acreage includes the Chincoteague National Wildlife Refuge in Maryland and Virginia.



MARYLAND

	Existing	Potential
Park	▲	▲
Recreation Area, Etc.	▲	▲
Monument	■	■
Nature Preserve	▣	▣
Wilderness	▣	▣
Beach	◐	◐
Wildlife Area	◆	◆
Forest	●	●
Foot Trail	.....F.....	.....F.....
Horse Trail	.....H.....	.....H.....
Bicycle Trail	.....B.....	.....B.....
Canoe Trail	.....C.....	.....C.....
Parkway	—	—
Scenic Route	—	—
Free-flowing Stream	~	~

MISSISSIPPI

MISSISSIPPI, lying on the Gulf of Mexico and the east side of the Mississippi River, possesses significant resources for potential water-based recreation.

The State population remained static during the 1950-60 decade and the 1976 projection indicates little change—1960 population, 2,178,141; and 1976, 2,169,000. The 1960 census showed a 35.2-percent increase in the urban population accompanied by a 13.6-percent decrease in the rural population since 1950, making the State 37.7 percent urban. There is one major metropolitan area in the State, Jackson, with a 1960 population of 187,045.

Tourism, with an estimated expenditure of \$369 million in 1960, ranks third in the State's economy behind agriculture and industry.

Existing recreational opportunities are served by an excellent State highway system. Four interstate routes will facilitate north-south and east-west travel and place greater demands on existing recreation areas.

Mississippi lies almost entirely in the south-central coastal plain. Water plays a major role in outdoor recreation. The Gulf of Mexico shoreline, the Mississippi and other rivers, lakes, and reservoirs offer water-based recreation and provide substantial habitat for wildlife and birds. Seventeen million acres, 57 percent of the State's total land, is covered by forest. These resources have not been fully realized to meet existing and future needs. Greatest potential is along the gulf coast and in the Tennessee Hills section in the northeast. The climate favors year-round outdoor recreation.

The Mississippi flyway affords excellent wildfowl observation as well as hunting opportunities. Fishing and hunting are of regional and State interest.

Historic and archeological sites are numerous—some of national significance. They include Indian mounds and sites connected with settlement of the Old South and the Civil War period.

EXISTING PUBLIC AREAS

NATIONAL: The National Park Service administers 2 national battlefield sites and 1 national military park which contain 1,377 acres and had a 1960 attendance of 821,700. It also administers a national parkway (partly in Alabama and Tennessee) of 20,249 acres which had an attendance of 3,479,300 in 1960. In the 6 national forests, totaling 1,134,752 acres, administered by the Forest Service there are 23 recreation areas totaling 560 acres. The 6 forests had an attendance of 610,000 in 1960. The Bureau of Sport Fisheries and Wildlife administers 51,691 acres in four national refuges. Four reservoirs of 75,300 water acres, with 72 access points and a 1960 attendance of 3,437,300, are operated by the Corps of Engineers.

STATE: The State of Mississippi has 4 agencies administering public recreation areas: Park Commission with 14 parks and 1 historical memorial of 13,405 acres, 1960 attendance, 920,000; Forestry Commission, 1 State forest, 1,760 acres; Game and Fish Commission, 1,307,000 acres, mostly leased; and the Highway Department, 84 roadside parks.

PRIVATE ENTERPRISE: Private recreation developments are primarily centered on facilities along the gulf coast, with limited activities elsewhere in the State.



Such typical Mississippi River scenes could be viewed from the projected Great River Road following the Mississippi's course.

PARK AND RELATED NEEDS

The State park system needs to improve the number, location, and quality of facilities. Emphasis should be on water-oriented recreation opportunities and statewide camping facilities. There is need to establish seashore recreation areas to assure public access to remaining available gulf coast beaches. On the local level there is a great need for recreation opportunities at city, county, and metropolitan levels, where existing facilities are limited.

State recreation areas provide 13,405 acres for 2,178,141 residents. No local nonurban recreation areas were identified. Potential areas identified on this plan total 62,575 State acreage and 15,200 local acreage. If all this acreage were acquired and developed, needs would still not be met, and these needs will be greater by 1976.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. If the following recommendations are implemented by vigorous action on the part of the agencies concerned, they may help to provide needed outdoor recreation opportunities for public use.

STATE: Expansion of the State park system to preserve valuable resources by the addition of 1 park and 1 monument, and further study of 7 areas as monuments, 8 as nature preserves, 15 as recreation areas, and 1 as an interstate recreation area. Designation and protection for that portion of the Great River Road in Mississippi.

LOCAL: Establishment of 3 additional local parks and further study of the establishment of 13 park and recreation areas.

Supporting recommendations include—

1. Staffing of the State Park and Recreation Agency with professional park planners to provide technical assistance for State, county, and local recreation development.
2. Improvement and expansion of waysides to meet the pleasure and safety needs of tourists and resident motorists.
3. Study of the feasibility of State or locally designated and controlled scenic and recreation roads.
4. Development of public access sites to recreational water resources including boat-launching ramps and parking areas.
5. Development of a comprehensive interpretive program within the State park system.

MISSISSIPPI	Number on map	Acreage		Significant features									Type of use			Activities													
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Recreation areas:																													
Arkabutla Reservoir.....	3N		11, 900	x										x				x			x	x	x						
Sardis Reservoir.....	7N		22, 100	x										x	x			x		x	x	x	x						
Grenada Reservoir.....	18N		28, 300	x										x	x			x		x	x	x	x						
Enid Reservoir.....	22N		13, 000	x										x				x			x	x	x						
Monuments: Historic:																													
Brices Cross Roads National Battlefield Site.....	14N	1										x		x		x	x												
Tupelo National Battlefield.....	15N	1										x		x		x	x												
Vicksburg National Military Park.....	48N	1, 375										x		x		x	x												
Forests:																													
Holly Springs National Forest.....	9N	145, 432	28, 300	A	x		x																						
Tombigbee National Forest.....	35N	65, 232		x			x							x	x			x		x	x			x	x	x			
Delta National Forest.....	46N	58, 956				x	x							x	x														
Bienville National Forest.....	63N	175, 657					x							x	x					x	x			x	x				
De Soto National Forest.....	67N	500, 405		x		x	x							x	x			x		x	x			x	x				
Homochitto National Forest.....	72N	189, 070		x			x							x	x			x		x	x			x	x	x			
Wildlife areas:																													
Yazoo National Wildlife Refuge.....	30N	3, 695				x		x				x		x										x	x				
Noxubee National Wildlife Refuge.....	36N	44, 764					x					x		x											x				
Horn Island National Wildlife Refuge.....	83N	2, 484					x					x		x											x				
Petit Bois National Wildlife Refuge.....	84N	748					x					x		x											x				
Parkway: Natchez Trace National Parkway (Mississippi portion).....	13N	20, 249					x					x	x	x	x	x	x	x		x									
STATE																													
Parks:																													
Wall Doxey State Park.....	8S	855	55	x										x	x		x	x	x	x	x	x	x	x					
Tishomingo State Park.....	12S	1, 541				x		x						x	x	x		x	x	x	x		x	x					
Recreation areas:																													
Sardis Lake State Park.....	6S	842	22, 100	A										x	x		x	x	x	x	x	x	x						
J. P. Coleman State Park.....	11S	1, 468				x								x	x		x	x	x	x	x	x	x						
Tombigbee State Park.....	16S	522	100	x										x	x		x	x	x	x	x	x	x						
Hugh White State Park.....	19S	695	28, 300	A										x	x		x	x	x	x	x	x	x						
Carver Point State Park.....	20S	485	28, 300	A										x	x		x	x	x	x	x	x	x						
Leroy Percy State Park.....	28S	2, 442	19	x				x						x	x		x	x	x	x	x	x	x						
Holmes County State Park.....	42S	533	57	x										x	x		x	x	x	x	x	x	x						
Roosevelt State Park.....	59S	562	125	x				x						x	x		x	x	x	x	x	x	x						
Clarkco State Park.....	65S	818	64	x				x						x	x		x	x	x	x	x	x	x						
Shelby State Park.....	69S	810	300	x				x						x	x		x	x	x	x	x	x	x						
Percy Quin State Park.....	71S	1, 620	650	x										x	x		x	x	x	x	x	x	x						
Magnolia State Park.....	82S	200	S	x										x			x	x		x				x					
Monument: Historic:																													
Nanih Waiya Historical Monument.....	39S	12										x		x				x											
Forest: Kurtz State Forest.....	68S	1, 760						x						x	x			x		x					x				
POTENTIAL AREAS																													
STATE																													
Park: Grand Gulf.....	49S	2, 000				x						x		x			x	x	x		x		x				x		
Recreation areas:																													
Arkabutla (3).....	4S	4, 000	11, 900	A			x							x	x		x	x	x	x	x	x		x	x				
Moon Lake (3).....	5S	2, 000	M	x			x							x	x		x	x	x	x	x	x	x						

See footnotes at end of table.

MISSISSIPPI	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Recreation areas—Continued																												
Pickwick Interstate (3).....	10S	4, 000			x			x							x	x	x		x	x	x	x	x	x				
Natchez Trace Lake (3).....	17S	1, 500	200	x				x							x			x	x		x	x	x	x				
Enid (3).....	23S	4, 000	13, 000		A										x	x		x	x	x	x	x		x				
Grassy Lake (3).....	24S	2, 000	300	x				x							x	x			x	x	x	x	x		x			
McNutt Lake (3).....	25S	2, 000	480	x				x							x	x			x	x	x	x	x					
Lake Bolivar (3).....	26S	1, 000	M	x				x							x	x			x	x	x	x	x		x			
Lake Washington (3).....	29S	2, 000	M	x				x							x	x			x	x	x	x	x					
Wolf Lake (3).....	31S	1, 000	M	x											x				x	x	x	x	x					
Bee Lake (3).....	32S	3, 000	M	x											x	x		x	x	x	x	x	x		x			
Blue Lake (3).....	33S	2, 000	640	x											x	x		x	x	x	x	x	x		x			
Bluff Lake (3).....	37S	2, 000	M	x											x	x			x	x	x	x	x		x			
Bogue Huma (3).....	66S	2, 500	M	x			x								x	x			x	x	x	x						
Columbia Lake (3).....	70S	1, 000	90	x											x			x	x	x	x	x	x					
Bay St. Louis (3).....	77S	2, 000						x							x			x	x			x		x				
Monuments:																												
Scientific: Petrified Forest.....	56S	400													x	x												
Historic:																												
Winterville Mounds (3).....	27S	40											x		x			x										
Treaty of Dancing Rabbit (3).....	38S	50											x		x													
Nanih Waiya Cave (3).....	40S	100											x		x													
Champion Hill Battlefield (3).....	54S	640											x		x			x										
Fort Adams (3).....	74S	200											x		x			x										
Fort Louis (Maurepas) (3).....	80S	20											x		x													
Fort Massachusetts (3).....	81S	25											x		x													
Nature preserves:																												
Arkabutla (3).....	2S	100						x							x											x		
Chestnut Oak (3).....	21S	500						x							x											x		
Ruff (3).....	34S	400						x							x				x							x		
Schetchleon Hills (3).....	50S	10, 000				x		x				x		x	x				x		x				x	x		
Lake Mary (3).....	73S	4, 000	M	x				x							x					x	x					x		
Juniper Swamp (3).....	75S	2, 000	M	x				x							x						x					x		
White Hills (3).....	78S	100						x							x				x							x		
Pascagoula (3).....	79S	4, 000						x							x				x		x					x		
Scenic road: Great River Road.....	1S	359 mi.				x							x		x	x		x	x		x							
LOCAL																												
Parks:																												
Camden (3).....	41L	620				x		x							x				x	x					x	x		
Woodlawn (3).....	43L	900				x		x							x				x	x					x	x		
Sheet Circle (3).....	44L	640				x		x							x				x	x								
Perry Creek (3).....	45L	600				x		x							x				x	x		x			x	x		
Dr. Peter Martin.....	51L	100						x							x	x			x						x			
Big Sand Creek (3).....	52L	600				x		x							x				x	x					x			
Cooper Wells (3).....	53L	650											x	x	x				x	x					x			
Upper Portion Creek (3).....	55L	750						x		x					x				x	x		x			x			
Goshen Springs (3).....	57L	3, 000	37, 000		A	x							x		x				x	x					x			
Eutachee.....	60L	500	40		x										x				x	x		x			x			
Little Limestone Creek (3).....	61L	640				x		x							x				x	x		x			x			
Mays Bridge (3).....	62L	500				x		x							x				x	x					x			
Holly Bluff Gardens.....	76L	200													x				x	x								
Recreation areas:																												
Eagle Lake (3).....	47L	2, 000		x											x				x	x	x	x	x	x				

See footnotes at end of table.

See footnotes at end of table.

MISSISSIPPI	Number on map	Acreage		Significant features										Type of use		Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
LOCAL—Continued																												
Recreation areas—Continued																												
Pelahatchie (3).....	58L	2, 000	M	x											x				x	x	x	x		x				
Bonita (3).....	64L	1, 500	150	x											x					x		x		x				

- (1) Where acreage not shown:
 “S” indicates water surface under 500 acres.
 “M” indicates water surface of 500 to 10,000 acres.
- (2) An “A” indicates all or major portions of water surface acreage is adjacent to area.
- (3) Suggested area—qualifications not wholly determined. Further study required.



This area at Bayou Casotte, near Pascagoula, Mississippi, has significance as a potential nature preserve.

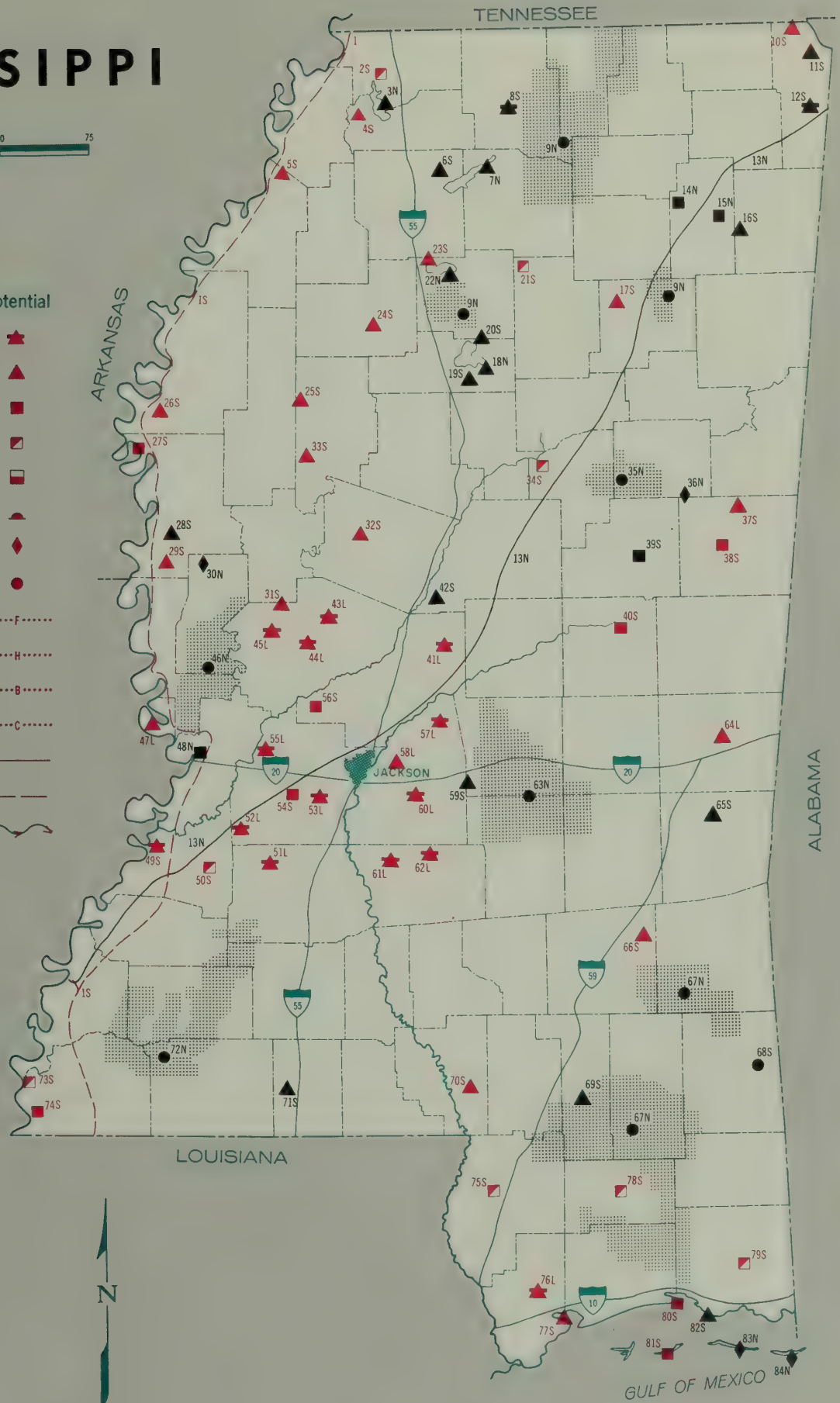


A suggested extension of the Natchez Trace Parkway northward from Mississippi would link the famous route with Great Smoky Mountains and Mammoth Cave National Parks.

MISSISSIPPI



	Existing	Potential
Park	★	★
Recreation Area , Etc.	▲	▲
Monument	■	■
Nature Preserve	▣	▣
Wilderness	▤	▤
Beach	⬤	⬤
Wildlife Area	◆	◆
Forest	●	●
Foot Trail	.....F.....	.....F.....
Horse Trail	.....H.....	.....H.....
Bicycle Trail	.....B.....	.....B.....
Canoe Trail	.....C.....	.....C.....
Parkway	—————	—————
Scenic Route	———	———
Free-flowing Stream		~~~~~
NATIONAL FOREST	▨	▨



NORTH CAROLINA

LOCATED on the Atlantic seaboard between Virginia and South Carolina, North Carolina has three significant topographical divisions—the Mountain Region, the Piedmont Plateau, and the Coastal Plain.

The total population increased 12.1 percent in 10 years to 4,556,155 in 1960. Projections indicate 5,598,000 by 1976. Urban population is 39.5 percent of the total. The density ranges from less than 25 people per square mile in the mountains to over 500 in Mecklenburg County. Charlotte is the major metropolitan area, and anchors the “industrial crescent” which curves to the northeast through Winston-Salem and Greensboro to Raleigh.

Tourism, with an estimated value of \$775 million in 1959, ranks third in the State’s economy behind textiles and tobacco.

The State’s planned program for highways will improve access to all places of recreation interest. Five interstate routes will reduce travel time to the mountains and piedmont areas. The main recreation resources are within weekend travel distance of the State’s major urban areas.

Resources vary from forested mountain ranges with associated valleys, to rolling sandhills, seashore, and protected waters of the sounds. Seashore and mountains afford relief from summer heat and offer a 9-month recreation season. Forests cover about 60 percent of the State. Existing and planned reservoir impoundments are increasingly important.

Scene of the first attempt at English colonization in the New World as well as the first successful flight of heavier-than-air craft, North Carolina lends itself to development of many important sites where history is written upon the lands.

EXISTING PUBLIC AREAS

NATIONAL: The National Park Service administers one national park (partly in Tennessee), one national seashore, two national military parks, one national historic site, one national memorial, and one national parkway (partly in Virginia). They contain 334,615 acres and had an attendance of 11,774,400 in 1960. The Tennessee Valley Authority administers three reservoirs (one partly in Georgia) totaling 23,600 water-acres. The 1960 attendance was 1,168,650. Two of these reservoirs, with 16,650 water-acres, are tabulated. The Corps of Engineers administers one reservoir (partly in Virginia) of 53,200 water-acres. Its 75 access points had a 1959 attendance of 1,905,000. The Forest Service administers 35 recreation areas (about 900 acres) in 4 national forests totaling 1,123,798 acres. The Bureau of Sport Fisheries and Wildlife administers 3 refuges of 71,559 acres, having a 1960 attendance of 129,885.

STATE: The Division of State Parks administers 11 parks and 1 recreation area totaling 36,499 acres. The Historic Sites Division administers 11 monuments of 521 acres. The Kerr Reservoir Development Commission has 4 areas totaling 7,716 acres, and the State Highway Commission provides 23 wayside parks.

LOCAL: Seven recreation areas connected with municipal water-supply reservoirs and totaling 4,809 acres are administered by the cities of Greensboro, Raleigh, Durham, High Point, and Burlington. Winston-Salem operates three nonurban parks of 436 acres.

PRIVATE ENTERPRISE: Seacoast vacation and fishing resorts and facilities in the mountain region, especially near Great Smoky Mountains National Park, are supplied by private enterprise.



Smith Island, part of the North Carolina Outer Banks, is one of the finest natural seashore areas remaining on the Atlantic coast and thus has exceptional potential as a State park.

PARK AND RELATED NEEDS

Ocean beach reservation for public use is a major concern. Expansion of public recreation facilities is especially important in the piedmont, where population growth is greatest.

Existing State recreation areas provide 44,736 acres, and local areas, 6,360 acres for 4,556,155 residents. The present demand is so great than even if all of the potential areas identified in this plan (80,730 acres of State significance and 13,650 acres of local significance) were acquired and developed, the need would still not be met. That need will be even greater by 1976.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. Vigorous action on the part of the agencies concerned is urged to provide needed additional outdoor recreation opportunities for public enjoyment and use. The following recommendations may be helpful in this respect.

NATIONAL: Extension of the Blue Ridge Parkway, and feasibility study of the suggested extension of Cape Hatteras National Seashore to protect the Cape Look-out area.

STATE: Addition of eight areas to the State park system to preserve more scenic, scientific, and natural resources of State significance. Expansion of nine existing units of State park system by addition of 17,100 acres to encompass complete landscapes and biotic units, and to provide for additional developments.

Provision of seven recreation areas to meet public recreation needs.

Study of the feasibility of establishing two scenic routes.

Designation of a system of canoe trails. Segments of two rivers are recommended for initial study.

Preservation of free-flowing streams in their natural state. Segments of three rivers are suggested for initial study in setting aside and preserving such areas.

LOCAL: Provision of parks, beaches, and recreation areas to meet local needs. Fifteen areas are suggested for study.

NORTH CAROLINA

		Acreage		Significant features										Type of use			Activities												
	Number on map	Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
NORTH CAROLINA																													
EXISTING AREAS																													
FEDERAL																													
Park: Great Smoky Mountains National Park (North Carolina portion)	76N	273, 069	10, 530	..	A	..	..	x	..	..	x	x	..	..	x	x	x	x	x	x	..	..	x	..	x	..	x
Seashore: Cape Hatteras	32N	24, 705	..	..	..	..	x	..	..	..	..	x	..	..	x	x	x	x	x	..	x	x	x	x	x	..	..
Recreation areas:																													
John H. Kerr Reservoir (North Carolina portion)	21N	..	53, 200	..	x	..	..	x	..	..	..	..	..	..	x	x	x	..	x	..	x	x	x	x	..	..	..
Fontana Lake Reservoir	75N	..	10, 530	..	x	..	..	x	..	..	x	..	..	..	x	x	x	x	x	x	x	x	..	x	..	..	..
Lake Hiwassee Reservoir (North Carolina portion)	78N	..	6, 120	..	x	..	..	x	..	..	x	..	..	..	x	..	..	..	..	..	x	..	x	..	..	..	..
Monuments: Historic:																													
Guilford Courthouse National Military Park	15N	151	..	..	..	..	..	..	..	..	..	x	..	..	x	..	x	..	x	..	..	..	..	..	..	..	..
Wright Brothers National Memorial	30N	324	..	..	..	..	..	..	..	..	..	x	x	x	x	..	x	..	x	..	..	..	..	..	..	..	..
Fort Raleigh National Historic Site	31N	19	..	..	..	..	x	..	..	..	..	x	..	..	x	..	x	x	x	..	..	..	..	..	x	..	..
Moores Creek National Military Park	84N	42	..	..	..	..	..	..	..	..	..	x	..	..	x	..	x	x	x	..	..	..	..	..	..	..	..
Forests:																													
Pisgah National Forest	4N	479, 722	L	..	A	..	..	x	..	..	x	x	..	..	x	x	..	x	x	x	x	..	x	x	..	..	x
Uwharrie National Forest	56N	43, 391	L	..	A	..	..	x	..	..	x	..	..	..	..	..	..	..	..	..	..	..	..	x	x	..	..
Nantahala National Forest	77N	448, 334	6, 000	x	A	..	..	x	..	..	x	x	..	..	x	x	x	..	..	..	..	..	x	x	..	..	x
Croatan National Forest	95N	152, 351	20, 000	x	..	x	..	..	..	..	..	..	..	..	x	..	..	x	..	..	..	..	..	x	..	..	..
Wildlife areas:																													
Pea Island National Wildlife Refuge	33N	5, 880	..	..	..	..	x	..	..	..	..	x	..	..	x	..	..	x	..	..	..	..	..	x	..	x	..
Swanquarter National Wildlife Refuge	35N	15, 501	28, 000	x	..	..	..	..	..	..	..	x	..	..	x	..	..	..	..	..	..	..	..	x	..	x	..
Lake Mattamuskeet National Wildlife Refuge	36N	50, 178	40, 000	x	..	..	..	..	..	..	..	x	..	..	x	x	x	x	..	..	..	..	x	x	x	..	..
Parkway: Blue Ridge Parkway (North Carolina portion)	8N	36, 305	5	x	..	..	..	..	..	..	x	..	..	..	x	x	x	x	x	x	x	..	x	..	x	..	..
STATE																													
Parks:																													
Mount Jefferson State Park (4)	6S	474	..	..	..	..	..	x	..	..	x	..	..	..	x	..	..	x	x	x	x	..	..	..	x	..	..
Hanging Rock State Park (4)	9S	3, 865	..	..	..	..	..	..	..	x	..	..	..	..	x	x	..	x	x	x	x	..	x	x	x	..	..
Cliffs of the Neuse State Park (4)	42S	365	..	..	..	x	..	..	..	x	..	..	..	..	x	x	..	x	x	x	x	..	x	x	x	..	..
Marrow Mountain State Park (4)	55S	4, 135	..	..	..	..	..	x	..	..	x	..	..	..	x	x	..	x	x	x	x	x	x	..	x	..	..
Mount Mitchell State Park (4)	69S	1, 224	..	..	..	..	..	x	..	..	x	..	..	..	x	..	x	x	x	x	x	..	..	..	x	..	..
Hammocks Beach State Park	93S	890	..	..	..	x	..	..	..	..	..	..	..	..	x	x	..	x	x	..	x	x	x	x	..	..	..
Recreation areas:																													
John H. Kerr Reservoir Parks (4 areas)	22S	7, 716	53, 200	..	A	..	..	..	..	..	..	..	..	..	x	x	x	x	x	..	x	x	x	x	..	..	..
William B. Umstead State Park (4)	47S	3, 889	86	x	..	..	..	x	..	..	..	..	..	..	x	..	..	x	x	x	x	..	x	..	x	..	..
Reedy Creek State Park (4)	48S	1, 323	..	..	..	..	..	x	..	..	..	..	..	..	x	..	..	..	x	x	x	..	..	..	..	x	..
Jones Lake State Park	79S	1, 893	224	x	..	..	..	..	..	..	..	..	..	..	x	..	..	..	x	x	x	x	x	..	..	..	..
Singletary Lake Group Camp (4)	81S	1, 221	572	x	..	..	..	..	..	..	..	..	..	..	x	x	..	..	x	x	x	x	x	..	x	..	..
Monuments: Historic:																													
Bennett Place State Historic Site	17S	20	..	..	..	..	..	..	..	..	..	x	..	..	x	..	..	x	x	..	..	..	..	..	..	..	..
James Iredell House State Historic Site	27S	2	..	..	..	..	..	..	..	..	..	..	x	..	x	..	..	..	..	..	..	..	..	..	..	..	..
Pettigrew State Park (4)	37S	16, 830	16, 600	x	..	..	..	..	..	..	..	..	..	..	x	..	..	x	..	..	..	x	..	..	..	..	..
Tryon Palace State Historic Site	39S	8	..	..	..	..	..	..	..	..	..	..	..	..	x	x	..	x	..	..	..	..	..	..	..	..	..
Charles B. Aycock Birthplace State Historic Site	41S	10	..	..	..	..	..	..	..	..	..	..	x	..	x	..	..	x	..	..	..	..	..	..	..	..	..
Bentonville Battleground State Historic Site	43S	51	..	..	..	..	..	..	..	..	..	..	x	..	x	..	..	x	x	..	..	..	..	..	..	..	..
Alamance Battleground State Historic Site	51S	40	..	..	..	..	..	..	..	..	..	..	x	..	x	..	..	x	x	..	..	..	..	..	..	..	..
House in the Horseshoe State Historic Site	52S	5	..	..	..	..	..	..	..	..	..	..	x	..	x	..	..	x	..	..	..	..	..	..	..	..	..
Town Creek Indian Mound State Historic Site	54S	67	..	..	..	..	..	..	..	..	..	..	x	..	x	..	..	x	..	..	..	..	..	..	..	..	..
Zebulon B. Vance Birthplace State Historic Site	70S	10	..	..	..	..	..	..	..	..	..	..	x	..	x	..	..	x	..	..	..	..	..	..	..	..	..
Brunswick Town State Historic Site	86S	119	..	..	..	..	..	..	..	..	..	..	x	..	x	x	x	x	..	..	..	..	..	..	..	..	..

See footnotes at end of table.

NORTH CAROLINA	Number on map	Acreage		Significant features								Type of use				Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Monuments: Historic—Continued																												
Fort Fisher State Historic Site	88S	189											x		x			x										
Fort Macon State Park	96S	390					x						x		x			x	x				x	x		x		
MAJOR LOCAL																												
Park: Reynolds Park	12L	186						x							x				x				x					
Recreation areas:																												
Salem Lake	10L	300	225	x											x				x	x	x		x	x				
Winston Lake	11L	50	25	x											x				x					x				
Lake Brandt-Lake Hamburg	14L	1,095	1,095	x											x							x		x	x			
Lake Burlington	16L	625	500	x											x				x		x	x		x				
Lake Mitchie	18L	873	540		x										x				x	x	x	x	x					
Grassy Creek Recreation Area	19L	14	53,200		A										x				x		x	x	x					
Vance County Recreation Area and Marina	20L	270	53,200		A										x				x		x	x						
Lake Wheeler	44L	758	660	x											x				x		x	x		x				
Lake Benson	45L	490	320	x											x				x					x				
High Point Municipal Park	58L	969	341	x											x				x			x	x	x				
Thomasville-Lexington Lake	59L	730	600	x											x				x	x	x	x		x				
MAJOR QUASI-PUBLIC AND PRIVATE																												
Park: William and Kate B. Reynolds Memorial Park	60P	1,114					x								x		x	x	x		x		x	x				
Foot trail: Appalachian Trail	1P	170 mi.							x			x			x		x			x	x					x		
POTENTIAL AREAS																												
NATIONAL																												
Seashore: Cape Lookout addition to Cape Hatteras																												
Seashore (3)	34N	15,800					x						x		x	x	x	x	x		x	x	x	x	x	x		
Parkway: Blue Ridge Parkway extension	73N	50 mi.							x			x	x		x		x	x	x	x						x		
STATE																												
Parks:																												
Albermarle Sound	28S	5,000						x					x		x			x	x	x	x	x	x	x		x		
Pamlico Sound	38S	5,000						x					x		x			x	x	x	x	x	x	x		x		
Sandhills	53S	5,000												x	x	x		x	x	x	x		x			x		
Uwharrie Mountains	57S	5,000							x			x			x	x		x	x	x	x		x	x		x		
South Mountains	67S	5,000							x			x			x	x	x		x	x	x		x	x		x		
Little River	71S	5,000							x			x			x	x		x	x	x	x			x		x	x	
Smith Island	87S	11,900						x							x	x		x	x	x	x	x	x	x		x		
Bogue Banks	94S	2,800						x							x	x		x	x	x	x	x	x	x		x		
Recreation areas:																												
Gaston Lake	24S	2,500	20,300		A										x			x	x		x	x	x	x				
Triangle Cultural Park	49S	1,200							x						x				x									
Lake Norman	65S	3,500	L		A			x							x			x	x	x	x	x	x	x				
White Lake	80S	1,000	M		A				x						x			x	x		x	x	x	x				
Black Lake	82S	1,000	800	x					x						x	x		x	x	x	x	x	x	x				
Lake Waccanaw	83S	1,000	M		A				x						x			x	x		x	x	x	x		x		
Nature preserves:																												
Great Dismal Swamp	29S	5,000							x				x		x				x	x						x		
Venus' Flytrap	85S	1,500							x				x		x				x	x						x		

See footnotes at end of table.

NORTH CAROLINA	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Scenic roads:																												
State Route 105	3S	17 mi.						x			x				x				x									
State Route 106	74S	11 mi.						x			x				x											x		
Free-flowing streams:																												
Watauga River	2S		20 mi.			x		x			x				x													
South Fork of the New River	7S		40 mi.			x					x				x													
Linville River	68S		22 mi.			x					x				x													
Canoe trails:																												
Neuse River	40S		110 mi.			x									x						x							
French Broad	72S		20 mi.			x									x						x	x						
LOCAL																												
Park: Edwards Mountain (3)	50L	1,500						x							x				x	x	x					x		
Recreation areas:																												
Wilkesboro (3)	5L	300	1,470	A				x							x				x		x	x		x				
Tri-Cities Park (3)	13L	2,500						x							x				x	x	x		x					
Warren County (3)	23L	300	20,300	A				x							x				x	x	x	x	x	x				
Halifax County (3)	25L	300	20,300	A				x							x				x	x	x	x	x	x				
Northampton County (3)	26L	300	20,300	A				x							x				x	x	x	x	x					
Southeast (3)	61L	1,200						x							x				x	x	x		x					
Mecklenburg-Catawba (3)	62L	3,000	1,500	x				x							x				x	x	x		x					
Lincoln County (3)	63L	300	M	A				x							x				x	x	x	x	x	x				
Mecklenburg County (3)	64L	300	M	A				x							x				x	x	x	x	x	x				
Catawba County (3)	66L	300	M	A				x							x				x	x	x	x	x	x				
Nature preserve: Hemlock Bluff (3)	46L	300						x				x			x				x	x						x		
Beaches:																												
Foy's Beach (3)	89L	200						x							x				x			x	x	x				
Hutaff's Beach (3)	90L	150						x							x				x			x	x	x				
Surf City (3)	91L	100						x							x				x			x	x	x				
Onslow Beach (3)	92L	2,000						x							x				x	x	x	x	x	x				

(7) Where acreage not shown:

"M" indicates water surface of 500 to 10,000 acres.

"L" indicates water surface over 10,000 acres.

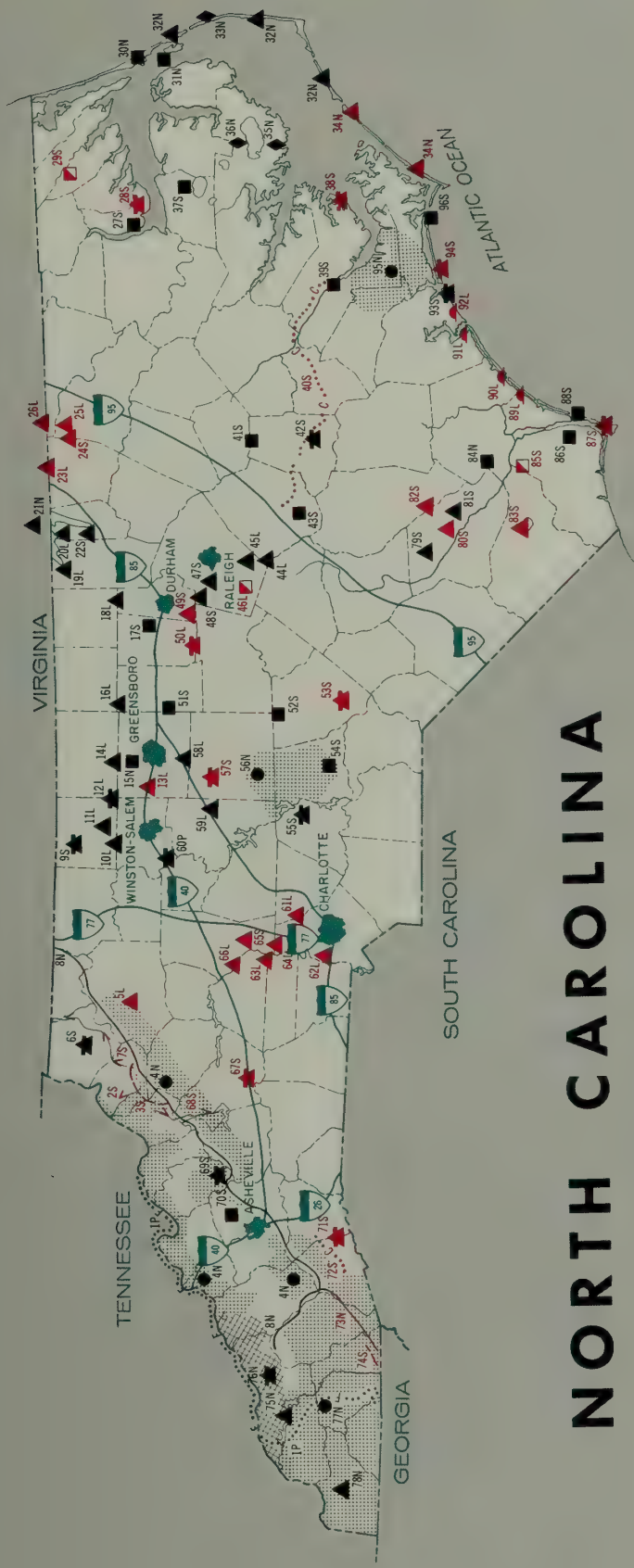
(2) An "A" indicates all or major portions of water surface acreage is adjacent to area.

(3) Suggested area—qualifications not wholly determined. Further study required.

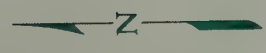
(4) Major addition recommended.



Fifty more miles of mountain panoramas could be enjoyed from a Blue Ridge Parkway extension, proposed for North Carolina.




NORTH CAROLINA



	Existing	Potential
Park	★	★
Recreation Area, Etc.	▲	▲
Monument	■	■
Nature Preserve	▣	▣
Wilderness	▤	▤
Beach	◐	◐
Wildlife Area	◆	◆
Forest	●	●
Foot Trail	.....F.....	.....F.....
Canoe Trail	.....C.....	.....C.....
Parkway	—	—
Scenic Route	—	—
Free-flowing Stream	—	—
NATIONAL PARK	▨	▨
NATIONAL FOREST	▩	▩

OKLAHOMA

 KLAHOMA extends from the forest-covered mountains of Arkansas to the high, arid plains of New Mexico. It is a land of timbered mountains, treeless plains, and large reservoirs.

In 1960 the State had a population of 2,328,284, an increase of 4 percent since 1950. Projections indicate a population of 2,341,000 by 1976. The population is 62.9 percent urban. The density averages 34 per square mile, ranging from 2.5 in the Panhandle to over 600 in Oklahoma and Tulsa Counties.

Tourism has not yet established itself as a significant economic factor; however, reservoir developments have caused a boating and recreation boom.

The principal recreation resources lie in the forested uplands of the Ozark region in the northeastern portion and the Ouachita Mountains in the southeastern portion. West of the uplands the prairie region extends to the high, arid plains of the Panhandle. The Red, Arkansas, and Canadian Rivers drain the entire State.

Lakes and reservoirs together total 1,200 square miles, the largest at present being Lake Texoma. Three reservoirs under construction—the Markham Ferry, Oolagah, and Eufaula—will be major recreation resources for the future. Climatic conditions are varied with a long outdoor season in the southern portion. Lakes and mountains of the eastern area offer relief from prolonged heat spells. Indian and military affairs and frontier living are historical themes of importance. The Cherokee National Capitol, Creek National Capitol, Fort Gibson, and Fort Sill possess exceptional value in commemorating the history of the United States. There is a diversified wildlife population, and fishing and hunting are of statewide interest.

EXISTING PUBLIC AREAS

NATIONAL: One national park of 912 acres is administered by the National Park Service. The 1960 attendance was 1,150,500. The Bureau of Sport Fisheries and Wildlife manages four national wildlife refuges totaling 116,269 acres. One national forest with 180,977 acres and two land-use areas are administered by the Forest Service.

STATE: The Division of Recreation and State Parks administers 310,430 acres in 17 parks, 8 monuments, and 11 recreation areas. The 1960 attendance was 8,995,308. The Will Rogers Memorial Commission administers a memorial park of 26 acres. The Highway Department provides 45 roadside parks and areas and 60 rest stop areas.

LOCAL: Three major nonurban parks and four major recreation areas are identified in this plan.

QUASI-PUBLIC AND PRIVATE: Three parks, one of 4,000 acres, and five recreation areas, one of 2,500 acres, are provided by quasi-public and private interests.

PRIVATE ENTERPRISE: This sector plays a major role in providing facilities and services at water impoundments.

PARK AND RELATED NEEDS

The protection of natural areas including free-flowing streams, the further preservation and development of historic, prehistoric, and geologic sites, and



Turner Falls, highest in Oklahoma, is one of the most outstanding features in the Arbuckle Mountain region, suggested for addition to Platt National Park.

additional scenic routes are primary statewide needs. There also is a need to provide additional park and recreation areas near Oklahoma City, Tulsa, and Lawton.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are made to help provide needed outdoor recreation opportunities for public enjoyment and use.

NATIONAL: Further study of the suitability of adding a segment of the Arbuckle Mountains to Platt National Park.

STATE: Enlargement of the State park system to preserve valuable resources by addition of 5 parks, 4 recreation areas, 11 monuments, and 5 nature preserves. Enlargement of 19 existing State park and recreation areas. Further consideration of one potential park and four monuments.

Designation and protection of 41 sections of 39 existing roads as scenic roads and portions of the Kiamichi, Mountain Fork, and Illinois Rivers as free-flowing streams. Further study suggested for designating portions of the Canadian, Cimarron, and Wachita Rivers as free-flowing streams.

LOCAL: Establishment of 2 parks, 10 recreation areas, and 2 nature preserves to meet local needs.

Supporting recommendations include—

1. Establishment of an Ozark Hiking and Riding Trail extending through the mountains and by the lakes of eastern Oklahoma.
2. Study of the feasibility and suitability of a riverside trail along the Cimarron, Canadian, Arkansas,

and Red Rivers to connect with park areas in the State, the Ozark Trail, and recommended trails in New Mexico.

3. Provision for additional waysides and expansion of existing waysides.



The Chickasaw Capitol at Tishomingo, a seat of tribal government when Oklahoma was Indian Territory.

OKLAHOMA	Number on map	Acreage		Significant features								Type of use		Activities															
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Park: Platt National Park.....	128N	912													x	x	x	x	x	x							x		
Recreation areas:																													
Cimarron County Land Utilization Area (4).....	1N							x			x				x			x	x	x						x	x		
Fort Supply.....	10N		2,000	x											x	x	x	x	x	x	x	x	x	x		x	x		
Canton Lake (4).....	17N		7,620	x							x				x	x	x	x	x	x	x	x	x	x		x	x		
Keystone (4).....	33N		25,580	x							x				x	x	x	x	x	x	x	x	x	x		x	x		
Lake Hulah (4).....	36N		3,200	x							x				x	x	x	x	x	x	x	x	x	x		x	x		
Fort Gibson.....	73N	19,200	19,100	x							x				x	x	x	x	x	x	x	x	x	x		x	x		
Roger Mills Unit Land Utilization Area.....	103N				A			x			x				x			x	x	x	x				x	x	x		
Wister Dam and Reservoir.....	152N	27,000	4,000	x			x			x	x				x				x	x	x	x	x	x		x	x		
Forest: Ouachita National Forest.....	147N	180,977	2,400	x	x	x		x			x	x			x			x	x	x	x	x	x	x	x	x	x		
Wildlife areas:																													
Salt Plains National Wildlife Refuge.....	22N	32,431	10,700		A			x			x				x	x	x	x	x	x	x	x	x	x		x			
Washita National Wildlife Refuge.....	102N	8,200	3,520		A						x				x	x	x	x	x	x	x	x	x	x		x			
Wichita Mountains National Wildlife Refuge.....	114N	59,019	S	x				x	x		x	x			x	x	x	x	x	x	x	x	x	x		x			
Tishomingo National Wildlife Refuge.....	133N	16,619	L		A						x				x	x	x	x	x	x	x	x	x	x		x			
STATE																													
Parks:																													
Black Mesa State Park (5).....	4S	460		A						x	x				x	x	x		x	x	x	x	x	x		x			
Boiling Springs State Park (5).....	12S	880				x					x				x	x	x		x	x	x	x	x	x		x			
Alabaster Caverns State Park (5).....	14S	200													x	x			x	x	x					x			
Little Sahara State Park (5).....	16S	120								x		x			x	x	x		x	x	x	x				x			
Great Salt Plains State Park.....	23S	11,420	10,700		A			x	x		x				x	x	x		x	x	x	x	x	x		x			
Osage Hills State Park (5).....	34S	1,005	18	x				x			x				x	x	x		x	x	x	x	x	x		x			
Tenkiller Lake State Park (5).....	65S	13,680	12,500		A			x			x	x			x	x	x		x	x	x	x	x	x		x			
Greenleaf Lake State Park (5).....	67S	1,495	920		A			x			x				x	x			x	x	x	x	x	x		x			
Sequoyah State Park (5).....	75S	21,981	19,100		A			x			x				x	x	x		x	x	x	x	x	x		x			
Red Rock Canyon State Park (5).....	96S	204									x				x	x	x		x	x	x	x				x			
Roman Nose State Park.....	97S	560	20	x				x				x	x	x	x	x	x		x	x	x	x	x	x		x			
Quartz Mountain State Park (5).....	109S	13,501	6,810		A			x			x	x			x	x	x	x	x	x	x	x	x	x		x			
Lake Murray State Park.....	127S	21,000	6,000		x						x				x	x			x	x	x	x	x	x		x			
Robbers Cave State Park (5).....	141S	8,452	52	x				x			x	x	x		x	x	x		x	x	x	x	x	x		x			
Lake Wister State Park.....	151S	7,000	4,000		A			x			x				x	x	x		x	x	x	x	x	x		x			
Beavers Bend State Park (5).....	154S	1,300	70		x	A		x			x	x			x	x			x	x	x	x	x	x		x			
Lake Texoma State Park (5).....	157S	94,956	93,080		A			x			x				x	x	x		x	x	x	x	x	x		x			
Recreation areas:																													
Lake Carl Blackwell Recreation Area (4).....	26S		3,380		x			x			x				x	x			x	x	x	x	x	x		x			
Spavinaw Hills Recreation Area.....	51S	35						x			x				x				x	x	x	x		x		x			
Cherokee Recreation Area (5).....	52S	26,322	26,300		A			x			x				x	x			x	x	x	x	x	x		x			
Honey Creek Recreation Area (5).....	56S	26,328	26,300		A			x			x				x				x	x	x	x	x	x		x			
Twin Bridges Recreation Area (5).....	57S	26,363	26,300		A			x			x				x	x			x	x	x	x	x	x		x			
Sequoyah Bay Recreation Area (5).....	76S	19,400	19,100		A			x			x				x	x	x		x	x	x	x	x	x		x			
Heyburn Dam Recreation Area (5).....	86S	1,508	1,070		A						x				x	x			x	x	x	x	x	x		x			
Fort Cobb Recreation Area.....	99S	4,400	3,800		A			x			x				x	x			x	x	x	x	x	x		x			
Foss Dam and Reservoir Recreation Area.....	101S	6,000	5,280		x						x				x	x			x	x	x	x	x	x		x			
Clayton Lake Recreation Area (5).....	142S	595	95		x			x			x	x			x	x			x	x	x	x	x	x		x			
Raymond Gary Recreation Area.....	143S	1,060	1,000		A			x			x				x	x			x	x	x	x	x	x		x			
Monuments: Historic:																													
Pioneer Woman Museum.....	30S	15													x		x		x								x		
Will Rogers Memorial Park.....	43S	26													x	x			x	x									
Sequoyah Memorial.....	61S	45													x		x		x	x							x		

See footnotes at end of table.

OKLAHOMA	Number on map	Acreage		Significant features								Type of use				Activities													
		Total land and water within area	Water surface (%)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS—Continued																													
STATE—Continued																													
Monuments: Historic—Continued																													
Murrell Home Memorial.....	64S	40										x		x			x									x			
Cherokee Capitol (6).....	66S	2										x		x			x												
Fort Gibson Stockade Memorial (6).....	74S	55										x		x			x												
American Indian Hall of Fame Memorial.....	94S	10										x		x			x												
Black Kettle Museum.....	104S	1										x		x			x												
Boggy Depot.....	137S	37										x	x				x									x			
Nature preserve: McCurtain County Game Preserve.....	155S	17,000	70	A			x			x	x			x	x		x			x	x		x		x		x		
Wildlife areas:																													
Hulah Game Preserve (5).....	35S	3,260	3,200	A							x			x	x	x	x	x	x	x	x		x	x	x	x	x		
Wister.....	150S	17,996	4,000	x			x			x	x			x	x		x	x	x	x	x	x	x	x	x	x	x		
MAJOR LOCAL																													
Parks:																													
Ponca Park (4).....	27L			A													x	x				x				x			
Mohawk Park and Zoo (4).....	41L						x										x			x						x			
Turner Falls Park (4).....	123L						x			x				x	x		x	x				x	x		x		x		
Recreation areas:																													
Big Dam Lake (4).....	32L		S	A							x			x			x	x			x		x	x					
Spavinaw Lakes (4).....	55L		1,800	A							x			x				x			x		x						
Beggs City Lake (4).....	82L		70	A							x			x			x	x			x		x	x					
Boren Lake (4).....	83L		18	A							x			x			x	x			x		x						
MAJOR QUASI-PUBLIC AND PRIVATE																													
Parks:																													
Woolaroc Museum.....	39P	4,000									x	x		x		x	x	x								x			
Dripping Springs Falls (4).....	59P				A									x			x							x					
Ballard Park (4).....	132P				A									x			x							x					
Recreation areas:																													
Boomer Lake (4).....	28P		260	A							x			x			x	x			x		x						
Sands Springs (4).....	40P		S	A										x				x			x		x						
Craterville Park.....	115P	2,500	S	x			x			x	x			x	x		x	x	x		x	x	x		x				
Lake Lawtonka (4).....	116P		2,400	x			x			x	x			x			x	x	x	x	x	x	x		x				
Devil's Den (4).....	131P				A						x			x			x	x	x	x						x			
POTENTIAL AREAS																													
NATIONAL																													
Park: Arbuckle Mountains, addition to Platt National Park (3).....																													
	128N	9,800						x			x		x	x				x	x	x							x		
STATE																													
Parks:																													
Cookson Hills.....	69S	14,000					x				x			x	x	x	x	x	x	x			x		x				
Burnt Cabin Ridge.....	70S	13,288	12,500	A			x				x			x	x		x	x	x	x	x	x		x		x			
Eufaula Park.....	78S	104,000	99,000	A			x				x			x	x	x	x	x	x	x	x	x		x		x			
Caddo Canyon Area.....	95S	1,500						x			x			x	x		x	x	x	x						x			
Wichita Mountains Area.....	112S	100									x	x			x	x		x	x	x	x					x			
Cool Creek Area (3).....	119S	13,000									x	x		x	x	x	x	x	x	x						x			
Recreation areas:																													
Markham Ferry Lake.....	49S	12,400	10,400	A			x				x			x	x	x	x	x	x	x	x	x		x		x			
Eufaula Reservoir.....	77S	119,000	99,000	A			x				x			x	x	x	x	x	x	x	x	x		x		x			
See footnotes at end of table.																													

OKLAHOMA

OKLAHOMA	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Recreation areas—Continued																												
Sportman's Lake.....	89S	1,000	M	A											x			x	x	x	x	x		x		x		
Norman Reservoir.....	91S	7,700	6,600	A			x				x				x	x		x	x	x	x	x	x	x		x		
Monuments:																												
Scientific:																												
Sand Hills.....	7S	640									x				x	x		x	x	x	x					x		
Bat Caves-Major County (3).....	19S	40													x	x		x	x		x					x		
Twin Caves (3).....	53S	40													x	x		x	x	x						x		
Bat Caves-Greer County (3).....	106S	40													x	x		x	x							x		
Devil's Canyon.....	111S	1,600									x	x	x	x	x	x		x	x	x	x	x				x		
Cave in Arbuckle Mountains.....	122S	80									x	x			x	x		x	x	x						x		
Historic:																												
Basket Makers Caves.....	2S	15										x			x			x	x	x	x					x		
Fort Nichols (3).....	5S	80										x	x		x		x	x	x	x								
Deer Creek.....	29S	10										x	x		x			x										
Creek Capitol (4).....	81S	5											x		x			x										
Chickasaw Capitol.....	134S	5											x		x			x										
Fort Washita.....	135S	80											x		x			x	x									
Fort McCulloch.....	136S	5											x		x			x	x	x								
Choctaw Capitol.....	144S	5											x		x			x										
Fort Towson.....	146S	40											x					x										
Nature preserves:																												
High Plains Natural Area.....	6S	13,000						x			x	x			x	x		x	x	x						x		
Sand Desert.....	8S	5,000							x		x				x	x	x	x	x	x						x		
Salt Plains.....	98S	8,000						x	x		x				x	x	x	x	x	x						x		
Gypsum Hills.....	100S	8,000									x				x	x		x	x	x						x		
Prairie Dog Colony.....	105S	640						x			x				x			x								x		
Scenic roads:																												
U.S. 183: Buffalo-Woodward.....	9S	35 mi.						x	x						x	x		x	x							x		
State Highway No. 15: Woodward-Junction																												
U.S. 281.....	11S	33 mi.			A			x							x			x								x		
U.S. 281: Junction State No. 15-Junction																												
State No. 45.....	15S	24 mi.						x							x			x								x		
State Highway No. 45: Junction U.S. 281-																												
Carmen.....	18S	10 mi.						x							x			x								x		
State Highway No. 8: Carmen-Junction State																												
No. 11.....	20S	18 mi.						x							x			x	x						x		x	
State Highway No. 11: Junction State No. 8-																												
Junction State No. 132.....	21S	18 mi.			A			x							x			x	x						x		x	
State Highway No. 132: Junction State No. 11-																												
U.S. 60.....	24S	11 mi.			A			x							x			x	x						x		x	
U.S. 60: Tonkawa-Osage Hills State Park.....	25S	73 mi.						x							x			x	x						x		x	
State Highway No. 99.....	31S																											
Junction U.S. 60-Junction State No. 10.....		20 mi.			A	A		x			x				x			x	x						x		x	
Madill-Tishomingo.....		14 mi.			A	A		x			x				x			x	x						x		x	
State Highway No. 10: Junction State No. 99-																												
Copan.....	37S	15 mi.			A	A		x			x				x			x	x						x		x	
U.S. 69.....	45S																											
Junction Interstate 40-Atoka.....		172 mi.			A			x			x				x			x	x							x		
Durant-Oklahoma Texas State line.....		7 mi.			A			x			x				x			x	x							x		
Interstate 40: Junction U.S. 60 and 66.....	46S	25 mi.						x							x			x	x							x		
U.S. 60: Junction U.S. 66-Missouri-Oklahoma																												
State line.....	47S	23 mi.			A			x			x				x			x	x						x	x	x	
State Highway No. 20: Pryor-Salina.....	48S	11 mi.			A			x			x				x			x	x						x	x	x	

See footnotes at end of table.

OKLAHOMA	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Scenic roads—Continued																												
State Highway No. 82: Salina-Tahlequah	50S	37 mi.						x				x			x			x	x							x		
U.S. 59 and State No. 10	58S																											
Junction U.S. 60-Tahlequah		77 mi.		A	A		x				x	x			x			x	x	x	x	x	x	x	x	x		
Junction U.S. 271-Oklahoma-Arkansas State line E. Page		55 mi.		A	A		x				x	x			x			x	x	x	x	x	x	x	x	x		
U.S. 62: Oklahoma-Arkansas State line-Musko-gee	60S	58 mi.			A		x					x			x			x								x		
U.S. 271, U.S. 59, State No. 9	62S																											
Arkansas-Oklahoma-State line-Sallisaw		40 mi.			A		x					x			x			x	x	x				x		x		
Antlers-Caston (Junction U.S. 270)		83 mi.			A		x					x			x			x	x	x				x		x		
Interstate 40 and State No. 82: Junction U.S. 62 and State No. 10-Henryetta	63S	85 mi.		A			x					x			x			x	x	x	x	x	x	x	x	x		
Proposed—Junction State No. 82: Webbers Falls—along west side Tenkiller Lake-Tahlequah	68S	28 mi.		A			x					x			x			x	x	x	x	x	x	x	x	x		
State Highway No. 10: Webbers Falls-Junction U.S. 62	71S	25 mi.			A							x			x			x	x					x		x		
State Highway No. 51: Tahlequah-Wagoner	72S	24 mi.		A			x					x			x			x	x	x	x	x	x	x	x	x		
Interstate 40: Through South Section Okmulgee County at Henryetta	79S	20 mi.					x					x			x			x	x							x		
State Highway No. 152: Cogar-Cordell	93S	51 mi.						x				x			x			x								x		
U.S. 283: Brinkman-Altus	107S	36 mi.						x				x			x			x								x		
U.S. 62: Duke-Altus	108S	14 mi.						x				x			x			x								x		
State Highway No. 44: Junction U.S. 283-Lone Wolf	110S	11 mi.						x				x			x			x	x	x	x	x	x	x		x		
State Highway No. 49 and State No. 115: Loop into Wichita Mountains and Wildlife Area	113S	30 mi.						x			x	x		x	x			x	x	x						x		
U.S. 77, State No. 7 and State No. 53: Loop around Arbuckle Mountains	118S	68 mi.						x			x				x	x		x	x	x						x		
U.S. 77: Junction State No. 53-South Boundary Oklahoma-Texas State line	124S	41 mi.						x							x			x	x	x	x	x	x	x		x		
U.S. 70	126S																											
Ardmore-Durant		78 mi.						x				x			x			x	x	x						x		
Oklahoma-Arkansas State line-Idabel		28 mi.						x				x			x			x	x	x						x		
State Highway Nos. 12 and 78: Russet-Durant-Loop around North Section Lake Texoma	130S	41 mi.		A			x					x			x			x	x	x					x	x		
State Highway No. 43: Stringtown-Clayton (proposed)	138S	45 mi.			A		x					x			x			x							x	x		
U.S. 270: McAlester-Heavener	139S	77 mi.			A		x					x	x		x			x	x		x			x	x	x		
State Highway No. 144: Junction U.S. 271-Bethel	145S	40 mi.					x					x	x		x			x	x					x	x	x		
State Highway No. 21: Broken Bow-Oklahoma-Arkansas State line 5 mi. E. Watson	148S	55 mi.										x	x		x			x			x			x	x	x		
State Highway No. 112: Junction U.S. 59-Junction U.S. 270	149S	6 mi.						x							x			x								x		
State Highway No. 37: Idabel-Oklahoma-Texas State line	156S	12 mi.			A		x					x			x			x	x					x	x	x		
State Highway Nos. 32 and 199: Kingston-Marietta	158S	26 mi.		A								x			x			x	x		x	x	x	x	x	x		
Free-flowing streams:																												
Illinois River	54S	55 mi.				x		x				x			x	x	x	x	x		x	x	x	x	x	x		
Kiamichi	140S	120 mi.				x		x				x	x		x	x		x	x		x	x	x	x	x	x		
Mountain Fork	153S	15 mi.				x		x				x	x		x	x		x	x		x	x	x	x	x	x		

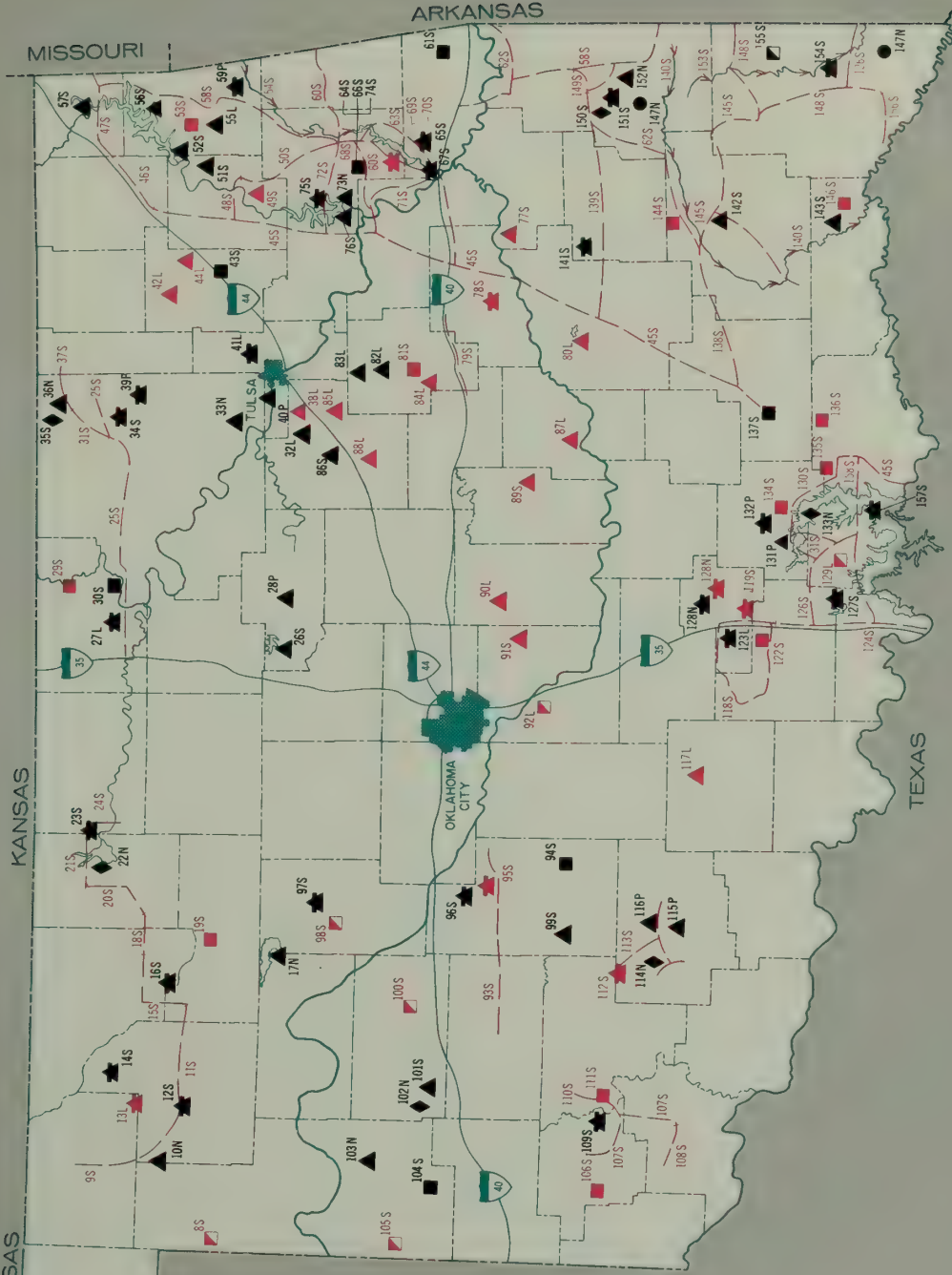
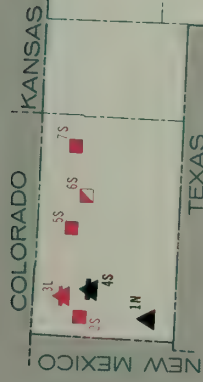
See footnotes at end of table.

OKLAHOMA	Number on map	Acreage		Significant features									Type of use		Activities														
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
POTENTIAL AREAS—Continued																													
LOCAL																													
Parks:																													
Toad Stool, or Marching Rocks.....	3L	80										x		x	x			x	x	x	x					x			
Bent's Canyon.....	13L	60											x		x	x			x	x	x	x					x		
Recreation areas:																													
Sapulpa Lake.....	38L	250	66	A											x			x	x	x	x	x	x			x			
Oologah Reservoir.....	42L	7,200	6,700		A		x					x			x	x	x	x	x	x	x	x	x	x		x			
Lake Claremore.....	44L	500	M	A								x			x							x	x	x		x			
Lake McAlester.....	80L	2,600	2,100	A			x					x			x	x		x	x	x	x	x	x	x		x			
Lake Okmulgee.....	84L	910	710	A											x			x	x	x	x	x	x	x		x			
Kellyville Lake.....	85L	500	S	x								x			x			x	x	x	x	x	x	x		x			
Lake Holdenville.....	87L	805	555	A			x					x			x			x	x	x	x	x	x	x		x			
Bristow Lake.....	88L	500	S	x								x			x			x	x	x	x	x	x	x		x			
Showall Lake.....	90L	1,550	1,300	A								x			x	x		x	x	x	x	x	x	x		x			
Clear Creek Area.....	117L	1,250	1,000	A								x			x			x	x	x	x	x	x	x		x			
Nature preserves:																													
Tall Grass Prairie No. 1.....	92L	12,000							x			x			x			x	x	x	x					x			
Tall Grass Prairie No. 2.....	129L	12,000							x			x			x			x	x	x	x					x			

- (7) Where water acreage not shown:
 "S" indicates water surface under 500 acres.
 "M" indicates water surface of 500 to 10,000 acres.
 "L" indicates water surface over 10,000 acres.
- (2) An "A" indicates all or major portions of water surface acreage is adjacent to area.
 (3) Suggested area—qualifications not wholly determined. Further study required.
 (4) Land acreage not determined.
 (5) Major additions recommended.
 (6) Eligible for Registered National Historic Landmark status.



Fort Washita, built in 1844, was, at the time, westernmost of the frontier military posts in the Southwest. Its ruins stand near Lake Texoma.



OKLAHOMA

- | | | | | | |
|-----------------------|-------------|----------|---|-----------|---|
| Park | ▲ | Existing | ▲ | Potential | ▲ |
| Recreation Area, Etc. | ▲ | | | | |
| Monument | ■ | | | | |
| Nature Preserve | ▣ | | | | |
| Wilderness | ▣ | | | | |
| Beach | ▲ | | | | |
| Wildlife Area | ◆ | | | | |
| Forest | ● | | | | |
| Foot Trail |f..... | | | | |
| Horse Trail |h..... | | | | |
| Bicycle Trail |b..... | | | | |
| Canoe Trail |c..... | | | | |
| Parkway | — | | | | |
| Scenic Route | — | | | | |
| Free-flowing Stream | ~ | | | | |

SOUTH CAROLINA

SOUTH CAROLINA'S mountains, seashore, extensive forests, rivers, and reservoirs, combined with mild winters and warm summers, enable residents and visitors to enjoy outdoor recreation throughout the year.

The population increased 12 percent in the 1950-60 decade to 2,382,594, with a 26-percent increase occurring in urban areas and a 4-percent increase in rural sections. With only 41 percent of the population urban, the average density was 79 persons per square mile.

The tourist industry ranked fifth in the State's economy in 1960 and had an estimated value of \$200 million.

An extensive and well-developed highway system—to be supplemented by four interstate routes—permits easy access to the existing recreation areas and scenic attractions.

Recreation resources are rather well located in relation to population, though urban spread is evident and much remains to be done to preserve available lands near the metropolitan centers. Increasing private development along the ocean shore is rapidly reducing public ownership possibilities.

Fishing and hunting resources afford year-round recreation and are being improved upon. The Atlantic shore and the mountains will continue to afford the best resources for fulfilling future recreation needs. A memorable colonial history along with a Civil War background gives the State a rich historical heritage. Eight sites not in the National Park System possess exceptional value in commemorating the history of the United States.

EXISTING PUBLIC AREAS

NATIONAL: The National Park Service administers one national battlefield site, one national military park, and one national monument totaling 3,953 acres. The 1960 attendance was 303,500. The Forest Service administers two national forests totaling 587,260 acres, in which 111 acres are devoted to four recreation areas. The attendance for 1960 was 530,890. The Bureau of Sport Fisheries and Wildlife manages four national wildlife refuges totaling 160,826 acres. Two reservoirs (1 under construction) managed by the Corps of Engineers have 92,000 water-acres with 213 access points. The 1960 attendance was 2,907,800.

STATE: The Division of State Parks administers 31 parks and historical areas totaling 42,811 acres; 1960 visitation was 3,324,276. The Division of Forestry has four forests totaling 123,494 acres. (One major forest of 92,000 acres is tabulated.) The 1960 attendance was 5,000. The Department of Wildlife Resources manages 2 refuges totaling 6,650 acres and 19 game management areas totaling 631,187 acres under lease or cooperative agreement.

The State Highway Department administers 105 roadside parks.

LOCAL: South Carolina city parks are all located within city boundaries.

PRIVATE ENTERPRISE: A significant role is played by private enterprise in developing resorts along the seashore. Several privately developed gar-

dens are widely known and are important in the recreation picture of the State. Power company reservoir impoundments offer additional recreation opportunities.

PARK AND RELATED NEEDS

Prompt action is needed to protect the remaining seashore and mountain areas for public enjoyment. The fast-growing urban population accentuates the urgency to conserve and develop remaining resources in the metropolitan areas of Charleston and Columbia. A good partial solution to local and State recreation

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following program to help provide needed additional outdoor recreation opportunities is strongly recommended.

NATIONAL: Establishment of the Congaree Swamp as a national monument.

STATE: Expansion of the State park system by addition of three recreation areas and one historic



As a scientific area, South Carolina's Congaree Swamp merits national monument status.

needs is to provide for improved developments on reservoirs. In addition to park and related areas as such, much can be done to foster a desire to retain streams in their natural state and to provide adequate waysides to serve the public needs. Existing State recreation areas provide only 42,811 acres for more than 2 million residents. No local nonurban areas have been identified. There is an immediate need for development of more State parks and local recreation areas. Potential areas identified in this plan total 41,924 acres judged of State significance and 1,000 acres of local importance. Other areas should be provided to meet the anticipated demand by 1976.

monument. Further study of 18 suggested areas. Designation and protection for one canoe trail.

LOCAL: Establishment of one recreation area. Supporting recommendations include—

1. Initiation of cooperative studies to determine the feasibility of acquiring offshore islands for development as State recreation areas.
2. Improvement of existing waysides and initiation of studies to provide additional waysides.
3. Cooperative planning with private power interests to provide adequate recreation facilities on reservoirs.

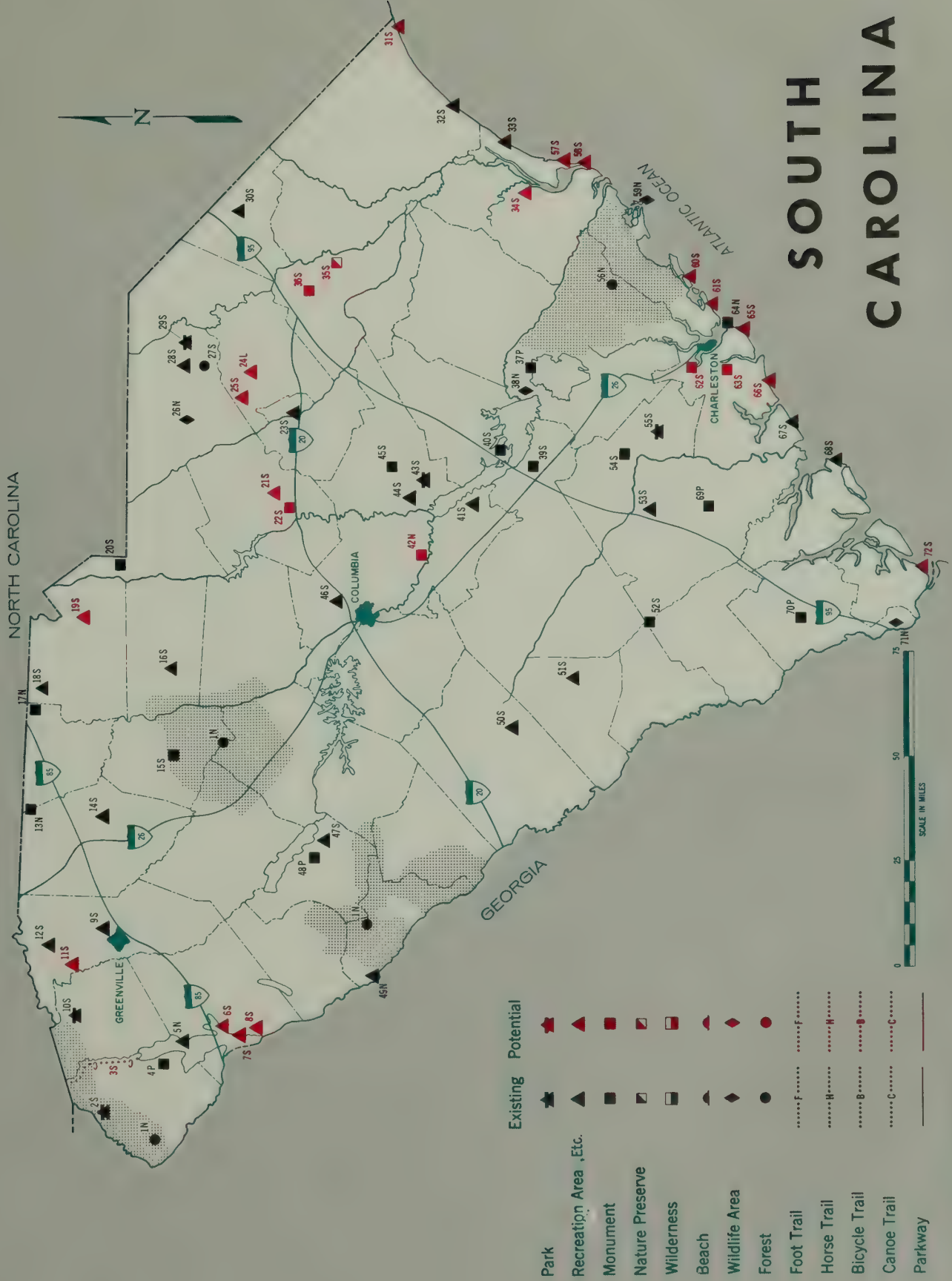
SOUTH CAROLINA	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Recreation areas:																												
Hartwell Reservoir (South Carolina portion)	5N		56, 400	x								x		x	x	x		x		x	x	x	x	x				
Clark Hill Reservoir (South Carolina portion)	49N		61, 000	x										x	x	x	x	x		x	x		x					
Monuments: Historic:																												
Cowpens National Battlefield Site	13N	1										x		x		x	x											
Kings Mountain National Military Park	17N	3, 950										x		x		x	x											
Fort Sumter National Monument	64N	2										x		x		x	x											
Forests:																												
Sumter National Forest	1N	341, 610	20	x			x								x	x			x	x	x	x	x	x	x	x		
Francis Marion National Forest	56N	245, 650		x			x								x	x		x	x	x	x	x	x	x	x	x		
Wildlife areas:																												
Carolina Sandhills National Wildlife Refuge	26N	44, 927	89	x			x					x			x				x		x	x		x	x	x		
Santee National Wildlife Refuge	38N	73, 953										x			x				x		x		x		x			
Cape Romain National Wildlife Refuge	59N	34, 716					x					x			x						x	x	x	x	x	x		
Savannah National Wildlife Refuge	71N	7, 230					A					x			x						x		x		x			
STATE																												
Parks:																												
Oconee State Park	2S	1, 165	25	x			x								x	x			x	x	x	x	x	x				
Table Rock State Park	10S	2, 860	25	x			x			x					x	x			x	x	x	x	x	x		x		
Cheraw State Park	29S	7, 361	300	x			x								x	x			x	x	x	x	x	x				
Poinsett State Park	43S	1, 000	10	x			x								x				x	x	x	x	x	x				
Givhans Ferry State Park	55S	1, 235					A			x					x	x			x	x	x	x	x	x				
Recreation areas:																												
Paris Mountain State Park	9S	1, 275	10	x			x			x					x	x			x	x	x	x	x	x		x		
Pleasant Ridge State Park	12S	300	6				x			x					x	x			x	x	x	x	x	x				
Croft State Park	14S	1, 135	10	x			x								x				x		x	x	x					
Chester State Park	16S	523	160	x			x								x				x	x	x	x	x	x		x		
Kings Mountain State Park	18S	6, 141	75	x			x			x					x			x	x	x	x	x	x	x				
Lee State Park	23S	2, 839	5	x			A			x					x	x			x	x	x	x	x	x				
Campbell's Lake State Park	28S	31	6	x											x				x			x	x	x				
Little Pee Dee State Park	30S	835	50	x			A			x					x	x		x	x	x	x	x	x	x				
Myrtle Beach State Park	32S	312					x								x	x	x		x	x	x	x	x	x				
Huntington Beach State Park	33S	2, 500					x								x	x		x	x	x		x	x	x				
Santee State Park	41S	2, 364	100, 500	x	A		x								x	x			x	x	x	x	x					
Mill Creek	44S	34	10	x											x				x			x	x					
Sesqui-Centennial State Park	46S	1, 500	15	x			x								x	x		x	x	x	x	x	x					
Greenwood State Park	47S	914	L		A		x								x	x			x	x		x	x	x				
Aiken State Park	50S	1, 067	33	x			x					x			x				x	x	x	x	x	x				
Barnwell State Park	51S	307	20	x			x								x	x			x	x	x	x	x	x				
Colleton State Wayside (5)	53S	35					A			x					x			x	x			x		x				
Edisto Beach State Park	67S	1, 255					x								x	x		x	x	x	x	x	x	x				
Hunting Island State Park	68S	5, 000					x								x	x		x	x	x	x	x	x	x				
Monuments: Historic:																												
Rose Hill	15S	41										x		x														
Andrew Jackson Historical State Park	20S	360										x		x					x									
Eutaw Springs Historical Site	39S	3										x		x														
Fort Watson Historical Site	40S	2										x		x														
General Thomas Sumter Historical Site	45S	5										x		x														
River Bridge Confederate Memorial State Park	52S	390					A					x		x	x				x		x	x	x	x		x		
Old Dorchester	54S	22										x		x														
Forest: Sand Hills State Forest	27S	92, 000	108	x			x								x				x			x	x	x	x			

See footnotes at end of table.

SOUTH CAROLINA	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
MAJOR QUASI-PUBLIC AND PRIVATE																												
Monuments: Historic:																												
Fort Hill (4).....	4P	4											x	x														
General Francis Marion.....	37P	10											x	x														
Ninety Six Star Fort.....	48P	268											x	x														
Colonel Isaac Hayne.....	69P	3											x	x														
Thomas Hayward.....	70P	10											x	x														
POTENTIAL AREAS																												
NATIONAL																												
Monument: Scientific: Congaree Swamp (3).....	42N	21,000			A		x					x	x	x		x	x	x	x	x	x					x		
STATE																												
Recreation areas:																												
River Forks.....	6S	181	56,400	A										x	x			x		x	x	x	x					
Andersonville Island.....	7S	455	56,400	A			x							x	x			x	x	x	x	x	x			x		
Sadlers Creek.....	8S	394	56,400	A										x	x			x		x	x	x	x			x		
Greenville (3).....	11S	63			x		x			x				x			x	x										
Catawba Lake (3).....	19S	5,000	L	A			x							x	x	x		x	x	x	x	x	x			x		
Kershaw (3).....	21S	31					x							x			x	x										
Lake Robinson (3).....	25S	2,000	L	A			x							x	x			x	x	x	x	x	x			x		
Waiter Island (3).....	31S	1,000					x					x		x	x	x	x	x	x	x	x	x	x			x		
Georgetown (3).....	34S	30					x							x			x	x										
Debidue Island (3).....	57S	8,400					x	x				x		x	x	x	x	x	x	x	x	x	x			x		
North Island (3).....	58S	8,000					x	x				x		x	x	x	x	x	x	x	x	x	x			x		
Capers Island (3).....	60S	3,000					x					x		x	x	x	x	x	x	x	x	x	x			x		
Dewees Island (3).....	61S	1,000					x	x				x		x	x	x	x	x	x	x	x	x	x			x		
Morris Island (3).....	65S	900					x					x		x	x	x	x	x	x	x	x	x	x			x		
Kiawah Island (3).....	66S	4,000					x	x						x	x	x	x	x	x	x	x	x	x			x		
Daufuskie Island (3).....	72S	5,000					x						x		x	x	x	x	x	x	x	x	x			x		
Monuments: Historic:																												
Camden Battlefield (4).....	22S	100											x	x														
Florence Prison Site (3).....	36S	50											x	x														
Albemarle Point (3).....	62S	100											x	x														
Fort Johnson (3).....	63S	20											x	x														
Nature preserve: Jeffreys Swamp (3).....	35S	2,000			A		x					x		x												x		
Canoe trail: Keowee.....	3S		20 mi.			x					x			x								x	x		x			
LOCAL																												
Recreation area: Prestwood Lake.....	24L	1,000	L	A										x			x	x				x	x		x			

- (1) Where acreage not shown: "L" indicates water surface over 10,000 acres.
(2) An "A" indicates all or major portions of water surface acreage is adjacent to area.
(3) Suggested area—qualifications not wholly determined. Further study required.
(4) Eligible for Registered National Historic Landmark status.
(5) Major addition recommended.

NORTH CAROLINA



SOUTH CAROLINA

0 25 50 75
SCALE IN MILES

TENNESSEE

LYING between the Great Smoky Mountains and the Mississippi River, Tennessee is rich in historical heritage and natural resources and an abundance of water stored in manmade reservoirs.

The population increased 8 percent during the 1950–60 decade to 3,567,089. The increase occurred in urban areas, which showed a 28-percent increase, while the rural population decreased 7 percent. The average density was 85 persons per square mile. Projections indicate a population of 3,943,000 by 1976.

Tourism, with an estimated expenditure of \$155 million in 1960, ranked third in importance to the State's economy.

The forested Cumberland Plateau and Great Smoky Mountains, the Cumberland and Tennessee Rivers, and the large reservoirs are major recreation resources. Fishing in the reservoirs is nationally famous. Free-flowing streams offer a little-used recreation resource.

The State has a long outdoor season marked by summer heat spells but enhanced by the invigorating climate of the Cumberland Plateau and Great Smoky Mountains.

Tennessee is rich in prehistoric Indian sites and historic sites dating from before the Revolutionary War through the Civil War period. In addition to sites in the National Park System, four sites possess exceptional value in commemorating the history of the United States.

EXISTING PUBLIC AREAS

NATIONAL: One national park, three national military parks, one national battlefield, two national historical parks, one national historic site, and two parkways are administered by the National Park

Service. They contain 258,554 acres and had an attendance of 10,477,800 in 1960. The Forest Service administers 1 national forest of 594,770 acres, which has 72 recreational areas totaling 492 acres. The 1960 attendance figure for the forest was 2,230,300. The Bureau of Sport Fisheries and Wildlife administers 61,761 acres in 3 national wildlife refuges that had an attendance of 206,936 in 1960. The Corps of Engineers operates 5 reservoirs (2 partly in Kentucky) that have a total of 194 access points. The 1960 attendance was 6,008,000. The Tennessee Valley Authority administers 18 reservoirs (4 partly in adjacent States), with water surface of 412,955 acres, which have 191 public access points. The 1960 attendance was 25,292,543. The six major reservoirs for recreation are included in the tabulation.

STATE: The Division of State Parks administers 21 parks with a total of 80,701 acres; 1960 attendance was 3,859,624. The Division of Forestry has 14 state forests totaling 155,752 acres. The State Game and Fish Commission administers 22 areas, totaling 630,000 acres. The Tennessee Department of Highways has 1,162 roadside parks.

LOCAL: There are five nonurban parks serving Knoxville, totaling 916 acres; two parks serving Nashville, totaling 2,637 acres; and one park of 223 acres serving Chattanooga.

QUASI-PUBLIC AND PRIVATE: There are six historic monuments totaling 3,060 acres, and 48 miles of the Appalachian Trail.

PRIVATE ENTERPRISE: A significant role is played by private enterprise adjacent to Great Smoky Mountain National Park and near major reservoirs.



Short Mountain, a potential State park area in Tennessee.

TENNESSEE CONSERVATION DEPARTMENT.

PARK AND RELATED NEEDS

Free-flowing streams in natural areas, caves, and historical and archeological sites are valuable resources needing further attention. The State park system is reasonably well balanced and distributed, but there is need for additional reservations to protect natural areas and provide recreation near urban centers. There is need for designation and protection of scenic roads.

Existing State recreation areas now provide 80,701 acres for 3,567,029 residents; local areas, an additional 3,453 acres. Potential areas identified in this plan total 79,415 acres judged of State significance and 1,134 of local significance. Assuming that all the identified potential areas are established and developed, there will still be a need by 1976 for additional areas, particularly ones to serve the day-to-day needs of urban dwellers.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. A vigorous program to implement the following recommendations can, it is believed, help substantially to provide outdoor recreation opportunities to meet increasing need.

NATIONAL: Establishment of Between-the-Lakes National Recreation Area. Further study for a parkway connecting Great Smoky Mountains National Park, Mammoth Cave National Park in Kentucky, and the Natchez Trace Parkway.

STATE: Expansion of the State park system by the addition of two recreation areas and two monuments. Further study of 20 suggested areas. Designation and protection for four scenic roads.

LOCAL: Establishment of one area and further study of one suggested area.

Supporting recommendations include—

1. Acquisition and protection of adequate public access to all reservoirs.

2. Designation and protection of portions of three identified rivers as free-flowing streams.

3. Initiation of an adequate classification system for all State parks and the rounding out of the system by adding qualified areas.



Center Hill Reservoir offers recreation potential for Tennessee.

DAVID MURRIAN, TENNESSEE GAME & FISH COMMISSION.

TENNESSEE	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Park: Great Smoky Mountains National Park (Tennessee portion).....																												
Recreation areas:																												
Kentucky Lake Reservoir (Tennessee portion) ..																												
Lake Barkley Reservoir (Tennessee portion)....																												
Old Hickory Lake Reservoir.....																												
Center Hill Reservoir.....																												
Dale Hollow Reservoir (Tennessee portion)....																												
Norris Lake Reservoir.....																												
Cherokee Lake Reservoir.....																												
Douglas Lake Reservoir.....																												
Watts Bar Lake Reservoir.....																												
Chickamauga Lake Reservoir.....																												
Monuments: Historic:																												
Fort Donelson National Military Park.....																												
Cumberland Gap National Historical Park.....																												
Andrew Johnson National Historic Site.....																												
Chickamauga-Chattanooga National Military Park (Tennessee portion).....																												
Stones River National Battlefield.....																												
Shiloh National Military Park.....																												
Forest: Cherokee National Forest (Tennessee portion).....																												
Wildlife areas:																												
Lake Isom National Wildlife Refuge.....																												
Reelfoot National Wildlife Refuge (Tennessee portion).....																												
Tennessee National Wildlife Refuge.....																												
Parkways:																												
Foothills Parkway (6).....																												
Natchez Trace National Parkway (Tennessee portion).....																												
STATE																												
Parks:																												
Cedars of Lebanon State Park.....																												
Standing Stone State Park.....																												
Pickett State Park.....																												
Big Ridge State Park.....																												
Fall Creek Falls State Park.....																												
Cumberland Mountain State Park.....																												
Natchez Trace State Park.....																												
Chickasaw State Park.....																												
Shelby Forest State Park.....																												
Recreation areas:																												
Reelfoot Lake State Park.....																												
Paris Landing State Park.....																												
Montgomery Bell State Park.....																												
Cove Lake State Park.....																												
Norris Dam State Park.....																												
Warriors Path State Park.....																												
Harrison Bay State Park.....																												

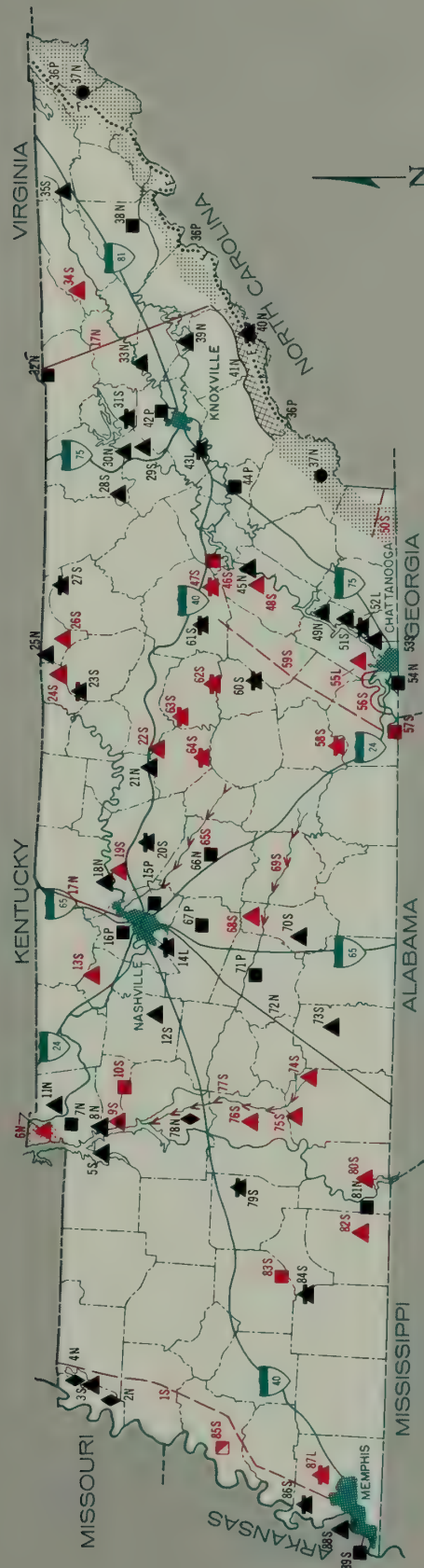
See footnotes at end of table.

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TENNESSEE

TENNESSEE	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Recreation areas—Continued																												
Buffalo River No. 1 (3)	76S	500				x								x				x		x	x		x					
Pickwick (3)	80S	10,000	42,800	A										x		x		x		x	x		x					
Shiloh	82S	200										x		x				x										
Monuments:																												
Scientific:																												
Wells Creek Basin (3)	10S	500											x	x	x													
Nick-a-Jack Cave	57S	200										x	x	x														
Historic:																												
Southwest Point (3)	46S	200										x		x														
Pinson Mounds	83S	1,000										x		x														
Nature preserve: Open Lake (3)	85S	1,000	S	x									x	x														
Parkway: Tennessee River Gorge	56S	20 mi.				x								x				x										
Scenic roads:																												
Great River Road	1S	144 mi.				x						x		x				x										
State Route 40	50S	10 mi.									x			x				x										
State Route 28	59S	35 mi.									x			x				x										
Free-flowing streams:																												
Stones River, East Fork	65S	35 mi.				x								x								x		x				
Duck River	69S	80 mi.				x								x								x		x				
Buffalo River	77S	110 mi.				x								x								x		x				
LOCAL																												
Park: Loosahatchie River Park (3)	87L	331				x								x				x	x		x	x	x					
Recreation area: Moccasin Bend	55L	800				x								x				x			x	x	x					

- (1) Where acreage not shown: "S" indicates water surface under 500 acres.
- (2) An "A" indicates all or major portions of water surface acreage is adjacent to area.
- (3) Suggested area—qualifications not wholly determined. Further study required.
- (4) Eligible for Registered National Historic Landmark status.
- (5) Proposed for administration by the Tennessee Valley Authority.
- (6) Part of Great Smoky Mountains National Park.



TENNESSEE



	Existing	Potential
Park	▲	▲
Recreation Area, Etc.	▲	▲
Monument	■	■
Nature Preserve	▣	▣
Wilderness	▣	▣
Beach	◐	◐
Wildlife Area	◐	◐
Forest	●	●
Foot Trail	.....F.....	.....F.....
Parkway	—	—
Scenic Route	—	—
Free-flowing Stream	—	—
NATIONAL PARK	▣	▣
NATIONAL FOREST	▣	▣

TEXAS has a diversity in topography and climate that gives emphasis to outdoor recreation of almost every sort. Coastal plains, forested uplands, high plateaus, eroded canyons, desert mountains, and water impoundments are valuable recreation resources. Upland game abounds in the State. The State history covers four centuries under six flags. Of the many historic sites, 11 possess exceptional value in commemorating the history of the United States.

The State population was 9,579,677 in 1960. Projections indicate a growth to 13,281,000 by 1976. In 1960, 75 percent of the population was urban. The average density is 36 persons per square mile, ranging from 0.3 in Loving County to over 1,000 in Dallas County.

Tourist expenditures are currently estimated at \$431 million.

EXISTING PUBLIC AREAS

NATIONAL: One national park of 708,221 acres is administered by the National Park Service and had a 1960 attendance of 75,900.* The Bureau of Sport Fisheries and Wildlife manages six national wildlife refuges with 115,800 acres. There are four national forests with 658,004 acres and seven land-use areas totaling 117,268 acres, administered by the Forest Service. The Corps of Engineers, Bureau of Reclamation, and International Boundary Commission reservoir projects provide 15 major water areas totaling 442,095 water-acres.

STATE: The State Parks Board administers 39 parks totaling 222,610 acres and 3 recreation areas. The

*Fort Davis National Historic Site, 460 acres, was established July 4, 1963.

1960 attendance was 7,286,318. There are 22 historical monuments with 1,331 acres administered by the State Historical Society. The State Game and Fish Commission manages 16 refuges. The State Forestry Department has five forests totaling 6,423 acres. There are 840 roadside rest areas administered by the State Highway Department.

LOCAL: Major local areas identified in this plan include 7 parks with 5,263 acres, 28 recreation areas with 134,995 water-acres, and 3 beaches with 389 acres.

QUASI-PUBLIC AND PRIVATE: There are nine recreation areas and one historic monument.

PRIVATE ENTERPRISE: The substantial role played by private enterprise includes recreation areas, services, and accommodations.

PARK AND RELATED NEEDS

The expanding urban population is in need of additional nonurban recreation facilities for day and weekend use. The State and local park systems need additional areas and enlargement of existing areas. Preservation of free-flowing streams, gulf coast areas, scenic roads, and trails are of utmost importance.

For the present population of 9,579,677 there exist 231,339 acres of State significance and 140,647 acres in local areas. This falls short of overall needs. The acquisition and development of potential areas identified in this plan will help to alleviate State recreation needs.



Wild, sundrenched solitudes of the Texas gulf coast will henceforth be protected for enjoyment in Padre Island National Seashore, recently authorized by Congress.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are offered to help provide needed outdoor recreation opportunities for public enjoyment and use.

NATIONAL: Establishment of Padre Island as a national seashore as authorized by Congress. Study the desirability of national park status for the Guadalupe Mountains.

STATE: Major additions to 39 existing areas and expansion of the State park system by acquisition of 13 park areas, 11 recreation areas, 6 beaches, 9 historic sites, 4 scientific monuments, 1 wilderness area, and 18 nature preserves.

Designation and protection of scenic routes and unmodified portions of four free-flowing streams.

LOCAL: Establishment of four recreation areas and one beach and major additions to existing areas.

Supporting recommendations include—

1. Cooperative study to determine the desirability and

feasibility of a State scenic parkway along the gulf coast of Texas.

2. Provision for additional waysides, particularly along scenic routes.
3. Further study of portions of the Colorado, Brazos, Neches, Guadalupe, San Antonio, and Trinity Rivers for status as free-flowing streams.

4. Special study proposed to determine ways of meeting nonurban recreation needs of the Midland-Odessa area.

5. Provision of adequate public access and additional recreational land at existing and proposed major reservoirs.



El Capitan commands the spectacular Guadalupe, highest mountains in Texas. These peaks could compose a national park.

TEXAS	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Park: Big Bend National Park	291N	708, 221				A			x	x	x		x		x	x	x	x	x	x					x			
Monument: Historic: Fort Davis National Historic Site	190N	460						x			x	x		x														
Recreation areas:																												
Lake Marvin, Boggy Creek Land Utilization Area	3N	512	51	x							x			x			x	x	x	x	x	x	x	x	x	x		
McClellan Creek Land Utilization Area	4N	1, 449	376	x							x		x	x			x	x	x	x	x	x	x	x	x	x		
Texarkana Reservoir (6)	24N	525	20, 300	A										x	x		x	x		x	x	x	x		x			
Lake Davy Crockett	30N	(7)	588	x							x			x			x	x	x					x	x	x		
Coffee Mill Lake	31N	(7)	704	x							x			x			x	x	x					x	x	x		
Lake Fannin	32N	(7)	35	x							x			x			x	x	x					x	x	x		
Lavon Reservoir	36N	25, 745	11, 080	x										x	x		x	x		x	x	x	x	x	x	x		
Lake Texoma	39N	194, 775	93, 000	x							x			x	x	x	x	x	x	x	x	x	x	x	x	x		
Garza-Little Elm Reservoir	45N	49, 339	23, 470	x										x	x		x	x				x	x	x		x		
Grapevine Reservoir	47N	17, 512	7, 380	x										x	x		x	x				x	x	x		x		
Cross Timbers Land Utilization Area (not grassland)	52N	20, 033									x			x			x	x	x	x					x	x		
Benbrook Reservoir	98N	11, 247	3, 770	x										x	x		x	x	x	x	x	x	x	x	x	x		
Whitney Reservoir	99N	48, 483	15, 800	x										x	x		x	x		x	x	x	x	x	x	x		
Ferrell's Bridge	112N		18, 700	x										x	x		x	x				x	x	x		x		
McGee Bend	123N	135, 000	114, 500	x										x	x		x	x				x	x	x		x		
Belton Dam	154N	27, 001	7, 400	x										x	x		x	x				x	x	x		x		
Hords Creek Reservoir	159N	3, 027	510	x							x			x			x	x				x	x	x	x	x		
San Angelo Reservoir	167N	18, 016	5, 440	x										x	x		x	x				x	x	x		x		
Dam "B" (Town Bluff)	241N	21, 751	13, 700	x										x			x	x	x	x	x	x	x	x		x		
Canyon Reservoir	264N	11, 774	8, 240	x										x			x	x	x	x	x	x	x		x			
Falcon Dam (6)	323N		98, 805	x					x		x			x	x		x	x	x	x	x	x	x		x			
Forests:																												
Sabine National Forest	121N	183, 844	24	x		x		x			x			x	x		x	x	x	x	x	x	x	x	x	x	x	
Angelina National Forest	126N	154, 392	30	x		x		x			x			x	x		x	x	x	x	x	x	x	x	x	x	x	
Davy Crockett National Forest	132N	161, 563	78	x		x		x			x			x	x		x	x	x	x	x	x	x	x	x	x	x	
Sam Houston National Forest	235N	158, 205	31	x		x		x			x			x	x		x	x	x	x	x	x	x	x	x	x	x	
Wildlife areas:																												
Buffalo Lakes	9N	7, 664	1, 900	x				x			x			x	x		x	x	x	x	x	x	x	x	x	x		
Mulshoe	11N	5, 809	500	x				x			x			x	x		x	x	x	x				x				
Hagerman	44N	11, 319	2, 500	x							x			x	x	x	x	x	x	x	x	x	x	x		x		
Aransas	306N	47, 261					x				x			x		x	x									x		
Santa Ana	327N	1, 980	500			A		x			x			x			x	x								x		
Laguna Atascosa	333N	41, 767	3, 200	x			x				x			x	x		x	x	x	x	x	x		x		x		
STATE																												
Parks:																												
Perryton (6)	2S							x				x		x			x	x	x	x						x		
Palo Duro Canyon State Park	6S	15, 104							x		x	x	x	x	x		x	x	x	x	x					x		
Atlanta State Park (6)	23S	1, 475	20, 300	A											x	x		x	x	x	x	x	x	x		x		
Daingerfield State Park (6)	27S	550	30	x				x							x	x		x	x	x	x	x	x	x		x		
Bonham State Park (6)	33S	555	65	x											x			x	x	x	x	x	x	x		x		
Eisenhower State Park (6)	41S	416	93, 000		A						x			x	x	x	x	x	x	x	x	x	x	x		x		
Lake Stamford State Park (6)	61S	208	5, 125		A									x			x	x	x	x	x	x	x		x			
Mackenzie State Park	71S	549									x			x			x	x					x			x		
Big Spring State Park (6)	73S	344									x			x	x		x	x				x				x		
Abilene State Park (6)	81S	507	S	x								x		x			x	x				x				x		
Fort Griffin State Park (6)	84S	503										x		x			x	x	x	x	x					x		
Possom Kingdom State Park (6)	87S	2, 621	19, 800		A						x			x	x		x	x	x	x	x	x	x	x		x		

See footnotes at end of table.

TEXAS	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Parks—Continued																												
Cleburne State Park (6).....	95S	498	116	x							x				x			x	x	x	x	x	x	x		x		
Tyler State Park (6).....	106S	994	2,450	A			x				x				x	x		x	x	x	x	x	x	x		x		
Caddo Lake State Park (6).....	116S	485	35,000	A			x				x				x	x		x	x	x	x	x		x		x		
Normangee (6).....	140S	504	53	x							x				x			x	x	x	x	x		x		x		
Fort Parker State Park (6).....	144S	1,485	750	x											x	x		x	x	x	x	x	x	x		x		
Lake Whitney State Park.....	150S	1,315	15,800		A										x	x		x	x	x	x	x	x		x			
Mother Neff State Park (6).....	153S	259			A							x			x			x	x	x	x			x		x		
Meridian State Park (6).....	155S	462	73	x											x			x	x	x	x	x	x		x			
Lake Brownwood State Park (6).....	158S	538	8,900		A						x		x	x	x	x		x	x	x	x	x	x		x			
Monahans Sandhills State Park.....	174S	3,840							x		x	x	x		x			x	x	x						x		
Davis Mountains State Park (6).....	191S	1,815								x	x	x	x	x	x	x		x	x	x	x					x		
Balmorhea State Park (6).....	193S	48	6	x					x						x			x	x	x	x		x	x		x		
Blanco State Park (6).....	210S	110				x									x			x	x	x	x		x	x		x		
Longhorn Caverns State Park (6).....	213S	708												x	x			x	x	x	x					x		
Inks Lake State Park (6).....	214S	1,201	900		x						x				x	x		x	x	x	x	x	x		x			
Bastrop State Park.....	224S	2,100	S	x			x				x				x			x	x	x	x			x		x		
Buescher State Park (6).....	225S	1,720	40	x			x								x			x	x	x	x					x		
Huntsville State Park.....	231S	2,122	S	x			x				x				x	x		x	x	x	x	x	x		x			
Stephen F. Austin State Park (6).....	256S	664				A	x					x			x			x	x	x	x					x		
Lockhart State Park (6).....	261S	257													x			x	x	x	x		x			x		
Kerrville State Park (6).....	270S	500				A	x				x				x	x		x	x	x	x	x	x		x			
Garner State Park (6).....	277S	640	2		x										x	x		x	x	x	x	x	x		x			
Tips State Park (6).....	296S	31				A					x				x			x	x		x			x		x		
Lake Corpus Christi State Park (6).....	297S	483	22,050		A										x			x	x	x	x	x	x		x			
Goose Island State Park (6).....	305S	307					x				x				x	x		x	x	x	x	x	x		x			
Falcon State Park (6).....	325S	563	98,805		A				x		x				x	x		x	x	x	x	x	x		x			
Bentsen-Rio Grande State Park (6).....	326S	587				A					x				x			x	x	x	x	x		x		x		
Recreation areas:																												
Springfield Lake (6).....	146S		S	x							x				x			x	x		x	x	x	x		x		
Lower Parks Reservoir-Lake Balmorhea (6).....	192S		560		x										x	x		x	x		x	x	x		x			
Sheldon Reservoir (6).....	252S		S		x							x			x			x	x		x	x	x	x		x		
Monuments: Historic:																												
Eisenhower Birthplace State Park.....	34S	3										x			x			x										
Fort Belknap (5).....	58S	5										x			x			x								x		
Action State Park.....	93S											x			x			x										
Jeff Davis State Park.....	100S	38										x			x			x	x									
Gov. J. S. Hogg Memorial Shrine State Park...	105S	19										x			x			x	x									
Jim Hogg State Park.....	133S	177										x			x			x										
Mission San Francisco de Las Tejas State Park..	135S	118										x			x			x	x	x						x		
Old Fort Parker State Park.....	145S	11										x			x			x	x									
Independence State Park.....	228S	7										x			x			x	x									
Washington State Park.....	229S	71				A						x			x			x	x		x							
San Sabs Mission and Presidio.....	201S	150					x					x			x	x	x	x	x	x	x	x						
San Jacinto Battlefield State Park (5).....	251S	352				A						x			x			x				x						
Varner-Hogg State Park.....	255S	53										x			x			x	x									
Monument Hill State Park.....	258S	4										x			x			x	x									
Gonzales.....	259S	100				A						x			x			x										
The Alamo (5).....	265S	2										x			x			x										
Court of Judge Roy Bean.....	288S								x			x			x			x	x							x		
Goliad State Park (6).....	299S	209				A						x			x			x	x	x			x		x			
Zaragoza Birthplace State Park.....	300S	2										x			x			x										
Fannin Battlefield State Park.....	301S	2										x			x			x	x									
Lipantitland.....	319S	5										x			x			x	x									
Port Isabel Lighthouse State Park.....	334S	3					x					x			x			x										

See footnotes at end of table.

TEXAS	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Nature preserve: Palmetto State Park (6).....	260S	198				x		x				x			x			x	x	x	x			x		x		
Beach: Brazos Island (6).....	337S	217					x					x			x	x	x	x	x	x			x	x		x		
Wildlife areas:																												
Wichita County Wildlife Refuge.....	56S											x			x			x	x								x	
Moore Plantation Area.....	119S			x		x		x				x			x			x	x								x	
Bannister Lake.....	124S		S	x			x					x			x			x	x	x	x			x	x	x		
Boykin-McGee Bend Area.....	127S	21, 000	114, 500			x		x				x			x			x	x	x	x			x	x	x		
Alabama Creek.....	131S		M	A				x				x			x			x	x	x	x			x	x	x		
White Rock Creek Game Preserve.....	134S		1, 210	A				x				x			x			x	x							x		
Gus Engeling Wildlife Area.....	138S											x			x			x	x							x		
Vingt et Un Islands.....	249S						x					x			x			x	x							x		
Black Gap Wildlife Migratory Area.....	292S										x	x	x	x	x			x	x	x	x					x	x	
Lake Corpus Christi Sanctuary.....	298S		22, 050		A							x			x			x	x							x		
Swan Island.....	303S						x					x			x			x	x							x		
Rockport Wildlife Sanctuary.....	304S						x					x			x			x	x							x		
Second Chain of Islands.....	310S						x					x			x			x	x							x		
Lydia Ann Island.....	313S						x					x			x			x	x							x		
South Bird Island in Laguna Madre.....	317S						x					x			x			x	x							x		
Green Island in Laguna Madre.....	331S						x					x			x			x	x							x		
Forests:																												
I. D. Fairchild.....	136S	2, 275						x				x						x								x		
Mission.....	137S	117						x				x						x								x		
W. Goodrich Jones.....	232S	1, 709						x				x			x			x								x		
John Henry Kirby.....	240S	600						x				x			x			x								x		
E. O. Siecke.....	244S	1, 722						x				x			x			x								x		
MAJOR LOCAL																												
Parks:																												
Lake Crook (6).....	29L		1, 226	x								x			x			x	x	x	x	x	x	x		x		
Loy (6).....	40L		350	x											x			x	x	x	x	x	x	x		x		
Slaton Park (6).....	69L														x	x		x	x							x		
Lake Sweetwater (6).....	79L	950	750		A							x			x			x	x	x	x	x			x	x	x	
Fabens (6).....	184L									x					x			x	x							x		
City of Austin Metro (6).....	221L	1, 142	1, 830		A							x		x	x			x	x	x	x	x	x	x		x		
Harris County (6).....	253L	15			A										x			x	x							x		
Recreation areas:																												
Bridgeport Lake (6).....	54L		9, 000		A							x			x			x	x	x		x		x	x	x		
Lake Kickapoo (6).....	57L		6, 200		A							x			x			x	x		x	x		x	x	x		
Lake Kemp.....	59L	38, 460	17, 835		x			x				x			x	x		x	x		x	x		x	x	x		
Lake on Payne Creek (6).....	62L		150	x								x			x			x	x					x	x	x		
Lake on Coon Creek (6).....	67L		526		A										x			x	x					x		x		
Lake in Yellow House Canyon (6).....	70L		S		A							x			x			x	x					x		x		
Moss Creek Lake (6).....	75L		125	x								x			x			x	x		x	x		x	x	x		
Lake J. B. Thomas (6).....	77L		7, 820		A							x			x	x		x	x					x	x	x		
Lake Trammell (6).....	78L	100	100		x							x			x	x		x	x					x	x	x		
Lake Fort Phantom Hill (6).....	82L		4, 246		A										x			x	x					x	x	x		
Lake Cisco (6).....	85L		477		A										x			x	x					x		x		
Lake Leon (6).....	86L		1, 590		A							x			x			x	x					x		x		
Eagle Mountain Lake (6).....	96L		8, 502		A							x			x			x	x					x	x	x		
Iron Bridge Dam and Reservoir (6).....	104L		36, 700		A										x			x	x					x		x		
Lake Murvaul (Panola) (6).....	114L		3, 820		A							x			x			x	x					x		x		
Lake on East Cottonwood Creek (6).....	147L		614		A										x			x	x					x		x		
Battle Lake (6).....	148L		860	x											x			x	x					x	x	x		
Coleman Lake (6).....	160L		1, 260		A							x			x			x	x					x	x	x		

See footnotes at end of table.

TEXAS	Number on map	Acreage		Significant features										Type of use				Activities										
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
MAJOR LOCAL—Continued																												
Recreation areas—Continued																												
Oak Creek Lake (6).....	161L		3, 800		A							x			x			x	x			x		x	x	x		
Lake on North Concho River (6).....	165L		150	x								x			x			x	x			x		x	x	x		
Lake Nasworthy (6).....	166L		1, 326		A							x			x	x		x	x		x	x	x	x	x	x		
Red Bluff Lake (6).....	176L		11, 700		A							x			x	x		x	x	x	x	x	x	x	x	x		
Buchanan Lake (6).....	211L		23, 040		A							x			x	x		x	x	x	x	x	x	x	x	x		
Granite Shoals (6).....	212L		6, 400		A							x			x	x		x	x	x	x	x	x	x	x	x		
Marble Falls Lake (6).....	218L		580	x								x			x	x		x	x	x	x	x	x	x	x	x		
Lake Travis (6).....	220L		18, 955		A										x			x	x	x	x	x	x	x	x	x		
Green Lake (6).....	307L		304	x											x			x	x			x		x	x	x		
Lake Casa Blanca (6).....	320L		1, 950		A										x			x	x			x		x	x	x		
Beaches:																												
Nueces County Parks (6).....	316L	200					x					x			x			x	x	x		x	x	x		x		
Port Mansfield (6).....	330L						x					x			x			x	x	x		x	x	x		x		
Cameron County Parks 1, 2, and 3 (6).....	335L	189										x			x			x	x	x		x	x	x		x		
MAJOR QUASI-PUBLIC AND PRIVATE																												
Monument: Historic: San Jose Mission (8).....	266P	14											x		x		x	x										
Recreation areas:																												
Lake Pauline.....	20P		1, 000		A										x			x				x		x	x			
Lake on Turkey Creek.....	94P		1, 030		A										x			x				x		x	x			
Gunstream Lake.....	109P		M		x										x			x				x		x	x			
Camp Creek Lake.....	141P		750		x										x			x				x		x	x			
Lake on Oyster Creek.....	254P		1, 600		A										x			x				x		x	x			
Lake Medina Area.....	269P		5, 575		A							x			x	x		x				x	x	x	x		x	
Devil's Lake (Lake Hamilton).....	284P		M		x										x			x	x			x	x	x	x			
Lake Walk.....	285P		380		x							x			x	x		x	x	x	x	x	x	x	x			
Magnolia Beach Lake.....	309P		200		x							x			x			x				x		x				
POTENTIAL AREAS																												
NATIONAL																												
Park: Guadalupe Mountains (3).....	178N	75, 000						x			x	x			x	x	x	x	x	x	x					x	x	
Seashore: Padre Island (4).....	332N	328, 000	119, 904				x					x			x	x	x	x	x	x	x	x	x	x		x	x	
STATE																												
Parks:																												
Canyon Area.....	17S	15, 000				x						x			x	x	x	x	x	x	x				x		x	
Texoma Reservoir.....	43S	12, 000			A			x				x			x	x	x	x	x	x	x	x	x		x			
Bridgeport.....	53S	10, 000	9, 000		A			x				x			x	x	x	x	x	x	x	x	x		x			
Antelope Hill.....	83S	5, 000				x						x			x	x	x	x	x	x	x	x	x		x			
Lake o' the Pines.....	113S	20, 000	18, 700		A			x				x			x	x	x	x	x	x	x	x	x		x			
McCamey Mountain.....	169S	1, 280								x	x	x			x	x	x	x	x	x	x	x			x			
Finlay Mountains Desert.....	182S	5, 000								x	x	x			x	x	x	x	x	x	x				x		x	
Huerco Mountain.....	183S	5, 000								x	x	x			x	x	x	x	x	x	x				x		x	
Quitman Mountains.....	185S	5, 000								x	x	x			x	x	x	x	x	x	x				x		x	
Enchanted Rock.....	206S	1, 200										x			x	x	x	x	x	x	x				x			
Uvalde-Sabinal Canyon Area.....	280S	10, 000				x		x			x	x			x	x	x	x	x	x	x				x		x	
Pecos River Canyons.....	287S	5, 000				x				x		x			x	x	x	x	x	x	x	x	x		x			
Chinati Mountain Area.....	295S	20, 000				x		x		x	x	x			x	x	x	x	x	x	x	x	x		x		x	
Recreation areas:																												
Sanford Reservoir.....	7S	800	12, 800		A							x	x		x	x		x	x	x	x	x	x	x	x			
Lake Texarkana.....	25S	1, 000	20, 300		A			x				x			x	x	x	x	x	x	x	x	x	x	x			
See footnotes at end of table.																												

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		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Recreation areas—Continued																												
Lavon (7).....	35S	8,920	11,080	A							x		x	x	x	x	x	x	x	x	x	x	x		x			
Lake Tawakoni.....	103S	10,000	36,700	A			x				x		x	x	x	x	x	x	x	x	x	x	x		x			
Twin Buttes Reservoir.....	168S	1,200	6,000	A							x	x		x	x	x		x	x	x	x	x	x		x			
Pecos River.....	173S	1,000				x					x		x	x	x			x	x	x	x	x	x		x		x	
Sierra Diablo Mountains.....	179S	10,000							x	x	x		x	x	x			x	x	x	x				x		x	
Davis Mountain Area.....	189S	5,000					x	x		x	x		x	x	x			x	x	x					x			
Amistad Reservoir.....	286S	1,000	86,400	A							x		x	x	x			x	x	x	x	x	x		x			
Zapata Public Access Point.....	322S	5,000	98,805	A							x		x	x	x	x	x	x	x	x	x	x	x		x			
Falcon State Park Area.....	324S	1,300	98,805	A							x		x	x	x	x	x	x	x	x	x	x	x		x			
Monuments:																												
Scientific:																												
Mixed Prairie Grasslands.....	12S	20,000							x				x	x		x	x	x	x	x	x				x			
Gypsum Caves.....	21S												x	x		x		x										
Dinosaur Tracks—Glen Rose.....	91S	80				x					x	x	x	x	x	x	x	x	x	x		x			x			
Dinosaur Tracks—Bandera.....	272S					x					x	x	x	x	x	x	x	x	x	x	x		x		x			
Historic:																												
Alibates Ruin.....	8S	5				x			x		x	x	x	x				x	x									
Fort Chadbourne.....	80S	10											x		x			x	x									
Fort Concho.....	162S								x				x															
Fort Lancaster.....	197S	5							x		x	x		x				x	x									
Fort Clark.....	283S	100							x			x	x		x			x	x	x	x				x			
Indianola.....	311S	50										x	x		x			x	x	x	x				x			
Resaca de la Palma Battlefield (5).....	328S	5											x		x			x										
Fort Brown (5).....	338S	48											x		x			x										
Palo Alto Battlefield (5).....	339S												x					x										
Nature preserves:																												
Prairie and Pueblo.....	1S	12,800							x			x		x	x			x	x	x	x				x		x	
Grasslands.....	5S	10,000							x			x		x	x			x	x	x					x		x	
Palo Duro.....	14S	10,000				x				x		x		x	x		x	x	x	x	x				x		x	
Rolling Prairie Type.....	63S	6,500							x			x		x	x			x	x	x	x				x		x	
Desert Area.....	68S	16,000								x	x			x	x			x	x	x					x		x	
Tall Grass Prairie.....	90S	20,000							x			x		x	x			x	x	x	x				x		x	
Swamp.....	139S	15,000				x	x					x		x	x			x	x	x	x				x		x	
Bogs—Robertson County.....	142S	12,000				x	x					x		x	x			x	x	x					x		x	
Franklin Bog.....	143S	10,000				x	x					x		x	x			x	x	x					x		x	
Edwards Plateau.....	208S	45,000				x	x				x			x	x			x	x	x					x		x	
Granite Mountains.....	215S	15,000				x	x				x	x		x	x			x	x	x					x		x	
San Antonio Prairie.....	226S	6,500				x	x	x				x		x	x			x	x	x	x				x		x	
Long Leaf Pine Area.....	242S	10,000				x	x					x		x	x		x	x	x	x	x				x		x	
San Marcos.....	262S	10,000				x	x					x	x	x	x			x	x	x	x				x		x	
South Texas Brushland.....	268S	15,000				x				x		x		x	x			x	x	x	x				x		x	
Southern Mountains.....	293S	15,000				x	x			x	x	x		x	x			x	x	x	x				x		x	
Coastal Area.....	315S	8,000					x					x		x	x			x	x	x					x		x	
Laguna Madre Mainland Area.....	318S	7,000					x					x		x	x		x	x	x	x	x	x	x		x		x	
Wilderness: Big Thicket.....	238S	200,000		x		x		x				x	x	x	x	x	x	x	x	x	x	x		x		x		x
Beaches:																												
McFaddens Ranch Beach.....	246S	20,000					x					x		x	x	x	x	x	x	x	x	x	x		x			
Bolivar Peninsula.....	247S	6,000					x					x		x	x	x	x	x	x	x	x	x	x		x			
Galveston Island.....	250S	8,000					x					x		x	x	x	x	x	x	x	x	x	x		x			
Matagorda Island-Peninsula.....	308S	30,000					x					x		x	x	x	x	x	x	x	x	x	x		x			
Velasco State Park.....	312S	8,000					x					x		x	x	x	x	x	x	x	x	x	x		x			
St. Joseph Island.....	314S	8,000					x					x		x	x	x	x	x	x	x	x	x	x		x			

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		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Scenic roads:																												
U.S. 66: West Texas Border-Glenario-East	10S	10 mi.							x			x		x			x									x		
Farm Road No. 284: Claude-Junction State																												
Highway No. 86.....	15S	48 mi.							x			x		x	x		x	x	x						x	x		
State Highway Nos. 86 and 256: 16 mi. West																												
Silverton-Junction State No. 70.....	16S	36 mi.							x					x	x		x									x		
State Highway Nos. 86 and 70: Silverton-Dickesn	18S	82 mi.							x					x	x		x									x		
U.S. 70: Matador-East and West.....	19S	43 mi.							x					x	x		x									x		
U.S. 59.....	22S																											
Queen City-Southwest Linden.....		16 mi.							x			x		x			x	x							x	x		
Carthage-South-Tenaha.....		16 mi.							x			x		x			x	x							x	x		
Junction State 26-South-Humble.....		95 mi.							x			x	x	x			x	x		x				x	x	x		
State Highway No. 49: Mount Pleasant-South-																												
east-Hughes Springs.....	26S	23 mi.										x		x			x	x							x	x		
State Highway No. 37: Texas/Oklahoma Border-																												
South-Negley.....	28S	9 mi.							x			x		x			x	x							x	x	x	
U.S. 75: Texas/Oklahoma Border-South-Sher-																												
man.....	37S	15 mi.							x			x		x			x	x							x	x	x	
State Highway No. 121: Fort Worth-McKinney.	38S	56 mi.							x			x		x			x	x								x		
U.S. 77.....	42S																											
Texas/Oklahoma Border-South-Dallas.....		75 mi.							x			x		x			x	x								x		
Hillsboro-South.....		20 mi.							x			x		x			x	x								x		
Giddings-South.....		25 mi.							x			x		x			x	x							x	x	x	
U.S. 377: Denton-South-Fort Worth.....	48S	35 mi.							x			x		x			x	x								x		
U.S. 287.....	49S																											
Henrietta-Alvord.....		40 mi.							x			x		x			x	x								x	x	
Rhome-South.....		7 mi.							x			x		x			x	x								x	x	
Palestine-Beaumont.....		170 mi.							x			x	x	x			x	x							x	x	x	
Farm Road No. 730: West Side Lake Worth-																												
Boyd-Aze.....	50S	14 mi.							x			x		x			x	x							x	x	x	
State Highway No. 114: Sunset-Rhome.....	51S	31 mi.							x			x		x			x	x							x	x	x	
State Highway No. 254 and 16: Graham-South-																												
Junction U.S. 180.....	55S	35 mi.							x			x		x			x	x							x	x	x	
U.S. 183.....	60S																											
Maybelle-North.....		15 mi.							x			x		x			x	x							x	x	x	
Lonetta-Northwest and Southeast.....		20 mi.										x		x			x	x								x	x	
Luling-Southeast-Gonzales.....		18 mi.							x			x		x			x	x							x	x	x	
U.S. 82: Crosbyton-East.....	64S	36 mi.							x			x		x	x		x	x								x	x	
Farm Road No. 651: Post-North-Crosbyton...	65S	38 mi.							x			x		x	x		x	x								x	x	
U.S. 84.....	66S																											
Sudan-Southeast-Snyder.....		130 mi.							x			x		x	x		x	x								x	x	
Santa Ana-East-Zephyr.....		30 mi.												x	x		x	x								x	x	
Waco-East-Tenaha.....		170 mi.							x			x	x	x			x	x							x	x	x	
U.S. 180.....	72S																											
Weatherford-West-Texas/New Mexico Bor-																												
der.....		326 mi.							x	x		x		x	x		x	x							x	x	x	
Texas/New Mexico Border-South West.....		50 mi.							x			x	x	x	x		x	x								x	x	
State Highway No. 350: Snyder-Southwest-Big																												
Spring.....	74S	50 mi.							x			x		x	x		x	x								x	x	
U.S. 67.....	88S																											
McCamey-East-Rankin.....		19 mi.								x		x		x	x		x	x								x	x	
Junction F/R 2288-Northeast-San Angelo...		5 mi.										x		x			x	x								x		
Early-Northeast-Dublin.....		45 mi.															x	x								x	x	
Marfa-Southwest-Presidio.....		59 mi.								x	x	x		x	x		x	x								x	x	

See footnotes at end of table.

TEXAS

TEXAS	Number on map	Acreage		Significant features										Type of use		Activities													
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore (2)	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
POTENTIAL AREAS—Continued																													
STATE—Continued																													
Scenic roads—Continued																													
State Highway No. 6.....	89S	88 mi.										x			x			x	x					x	x	x			
Dublin-Southwest-Waco.....		47 mi.													x			x	x						x	x	x		
Bryan-South-Hempstead.....		47 mi.						x				x			x			x	x						x	x	x		
State Highway No. 199: Springtown-Aze.....	92S	10 mi.							x						x			x	x						x		x		
U.S. 69.....	102S																												
Lone Oak-Southeast-Tyler.....		60 mi.													x			x	x						x	x	x		
Rusk-Southeast-Zavalla.....		65 mi.							x			x			x			x	x							x	x		
State Highway No. 110: Tyler-Southeast-Rusk..	107S	40 mi.							x			x			x			x	x							x	x		
U.S. 79: Texas/Louisiana Border-Southwest-Pal- estine.....	110S	124 mi.							x			x			x			x	x						x	x	x		
State Highway No. 43: Marshall-Southwest- Henderson.....	111S	42 mi.							x			x			x			x	x						x	x	x		
Farm Road Nos. 134 and 1999: Jefferson-South- east-Texas/Louisiana Border.....	115S	22 mi.							x			x			x			x	x						x	x	x		
State Highway No. 63.....	117S																												
Texas/Louisiana Border-Southwest-Jasper.....		30 mi.							x			x			x			x	x	x	x				x	x	x		
Jasper-Zavalla.....		34 mi.							x			x			x			x	x	x	x				x	x	x		
State Highway No. 21.....	118S																												
Texas/Louisiana Border-Crockett.....		128 mi.							x			x			x			x	x	x	x				x	x	x		
Junction State 71-Southwest-San Marcos.....		43 mi.							x			x			x			x	x							x	x		
State Highway No. 87.....	120S																												
Center-South-Orange.....		125 mi.							x			x			x			x	x		x				x	x	x		
Port Arthur-Southwest-Port Bolivar.....		94 mi.							A	x		x			x			x	x	x					x		x		
U.S. 96: Tenaha-South Beaumont.....	122S	148 mi.							x			x			x			x	x		x				x	x	x		
State Highway No. 147: Zavalla-Northeast- San Augustine.....	125S	36 mi.							x			x			x			x	x		x				x	x	x		
State Highway No. 26: Mount Enterprise-South Junction U.S. 59.....	128S	16 mi.							x			x			x			x	x						x	x	x		
State Highway Nos. 94 and 19: Lufkin-South- west-Huntsville.....	129S	73 mi.							x			x			x			x	x		x				x	x	x		
State Highway Nos. 7 and 103: Crockett-East- Lufkin.....	130S	48 mi.							x			x			x			x	x		x				x	x	x		
State Highway No. 22: Meridian-East-Hills- boro.....	149S	38 mi.							x			x			x			x	x		x	x			x	x	x		
State Highway No. 36: Gatesville-Southeast- Temple.....	151S	36 mi.							x			x			x			x	x		x	x			x	x	x		
State Highway No. 236: The Grove-Northeast- Junction F/R 107.....	152S	7 mi.							x			x			x			x	x		x	x			x	x	x		
U.S. 190.....	156S																												
San Saba-East and West-Lometa.....		36 mi.										x			x	x		x	x						x	x	x		
Benchley-East-Jasper.....		170 mi.							x			x			x			x	x	x	x	x			x	x	x		
State Highway No. 279: Brownwood-North.....	157S	27 mi.										x			x	x		x	x	x	x	x			x	x	x		
U.S. 87: San Angelo-Northwest-Carlsbad, Tex...	163S	16 mi.													x			x	x								x		
Farm Road No. 2288: Junction U.S. 87-South- Junction U.S. 67.....	164S	15 mi.										x			x			x	x						x	x	x		
U.S. 385 and Farm Road No. 1901: Bakersfield- North through McCamey.....	170S	27 mi.								x		x			x	x		x							x	x	x		
Farm Road No. 11: Girvin-Southeast-Junction F/R 1901.....	171S	11 mi.								x		x			x	x		x								x	x		
U.S. 80.....	172S																												
El Paso-South-Kent.....		167 mi.								x	x	x			x	x		x	x							x	x		
Wickett-Northeast-Penwell.....		27 mi.								x		x			x	x		x	x							x	x		

See footnotes at end of table.

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TEXAS	Number on map	Acreage		Significant features										Type of use			Activities											
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POTENTIAL AREAS—Continued																												
STATE—Continued																												
Scenic roads—Continued																												
State Highway No. 18: Monahans-South-Junction F/R 1776.....	175S	8 mi.								x		x			x			x							x			
State Highway No. 54: Van Horn-North-Junction U.S. 180.....	180S	56 mi.								x	x	x			x	x		x							x	x		
Potential Road: Texas/New Mexico Border-South-Pine Springs.....	181S	10 mi.								x	x	x			x	x		x							x	x		
State Highway No. 118: Kent-South-Big Bend National Park.....	186S	184 mi.							x	x	x	x			x			x							x	x		
State Highway No. 166: Junction State 118-South Loop-Fort Davis.....	187S	53 mi.							x			x			x	x		x	x	x	x				x	x		
State Highway No. 17: Marfa-North-14 miles North Fort Davis.....	188S	38 mi.							x			x	x		x	x		x	x	x	x				x	x		
U.S. 90.....	194S																											
Marathon-Southeast-San Antonio.....		296 mi.								x		x			x	x		x	x						x	x	x	
Beaumont-Texas/Louisiana Border.....		25 mi.							x			x			x			x	x						x		x	
U.S. 285: Sanderson-North.....	195S	12 mi.								x								x							x	x		
U.S. 277: Junction State 55-South-Junction U.S. 377.....	198S	43 mi.								x		x			x			x							x	x		
State Highway No. 55: Junction U.S. 277-Southeast-Uvalde.....	199S	102 mi.								x		x			x	x		x							x	x	x	
State Highway No. 29 and U.S. 377: Burnett-Southwest-Del Rio.....	200S	231 mi.								x		x			x	x		x	x						x	x	x	
U.S. 83: 25 miles South of town of Junction-South-Uvalde.....	202S	77 mi.								x		x			x	x		x	x	x	x				x	x	x	
U.S. 290.....	203S																											
Junction State 27-Northwest.....		10 mi.										x			x			x	x						x	x		
10 miles East Fredericksburg-Austin.....		90 mi.								x		x			x			x	x						x	x	x	
Giddings-Northwest-Elgin.....		32 mi.								x		x			x			x	x						x	x		
State Highway No. 27: Junction U.S. 290 Southeast-Comfort.....	204S	50 mi.								x		x			x	x		x	x	x	x				x	x	x	
U.S. 87: Katemcy-Southeast-Boerne.....	205S	90 mi								x		x			x	x		x	x						x	x	x	
State Highway No. 16.....	207S																											
Llano-South-Fredericksburg.....		38 mi.								x		x			x	x		x	x						x	x		
Kerrville-Southeast-San Antonio.....		78 mi.								x		x			x			x	x						x	x	x	
State Highway No. 71: Oak Hill-Northwest-Llano.....	209S	55 mi.								x		x			x	x		x	x	x					x	x	x	
U.S. 281.....	216S																											
Burnett-South-San Antonio.....		97 mi.								x		x			x			x	x						x	x	x	
McAllen-East-Brownsville.....		59 mi.										x			x			x	x						x	x	x	
Farm Road Nos. 1431 and 620: Bee Cave-Northwest-Marble Falls.....	217S	61 mi.								x		x			x	x		x	x	x					x	x	x	
State Highway No. 80 and F/R No. 12: Luling-Northwest-Dripping Springs.....	219S	53 mi.								x		x			x	x		x	x						x	x	x	
Park Road No. 1: Connecting Bastrop and Buescher State Parks.....	222S	17 mi.								x		x			x			x	x	x	x				x	x	x	
State Highway No 95: Elgin-North-Taylor.....	223S	15 mi.								x		x			x			x	x						x	x		
State Highway Nos. 90 and 30: Huntsville-Southwest-Brenham.....	227S	70 mi.								x		x			x			x	x						x	x	x	
State Highway No. 105: Beaumont-West-Navasota.....	230S	144 mi.								x		x			x			x	x						x	x	x	
U.S. 75: Spring-North-Huntsville.....	233S	53 mi.								x		x			x			x	x						x	x	x	
State Highway No. 150: Shepard-West-New Waverly.....	234S	35 mi.								x		x			x			x	x						x	x	x	

See footnote at end of table.

TEXAS

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		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore (2)	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Scenic roads—Continued																												
State Highway No. 156: Point Blank-Southeast-Coldspring	236S	13 mi.						x				x			x			x	x		x			x	x	x		
State Highway No. 146: Rye-North-Livingstone	237S	22 mi.						x				x			x			x	x		x			x	x	x		
State Highway No. 62: Junction U.S. 90-North-Buna	243S	15 mi.						x				x			x			x	x					x	x	x		
State Highway No. 73: Monroe City-West-Junction State 146	245S	20 mi.										x			x					x				x	x	x		
State Highway No. 146: Junction State 73-South-LaPorte	248S	12 mi.										x			x					x				x	x	x		
Farm Road No. 1960: Dayton-West-Humble	257S	24 mi.						x				x			x				x	x	x	x	x	x	x	x		
State Highway No. 46: Junction State 16-East-New Braunfels	263S	54 mi.						x				x			x			x	x	x				x	x	x		
Farm Road No. 470: Junction State 16-West-Utopia	271S	29 mi.						x				x			x	x			x	x				x	x	x		
Farm Road No. 462: Tarpley-South-Hondo	273S	26 mi.						x				x			x	x			x	x				x	x	x		
Farm Road No. 187: Sabinal-North-Utopia	274S	21 mi.						x				x			x	x			x	x				x	x	x		
Farm Road No. 1050: Junction U.S. 83-East-Utopia	275S	15 mi.						x				x			x	x			x	x				x	x	x		
State Highway No. 127: Concan-Southeast-Sabinal	276S	20 mi.						x				x			x	x			x	x				x	x	x		
Farm Road No. 337: Camp Wood-Northeast-Leakey	278S	21 mi.						x				x			x	x			x	x					x	x		
Farm Road No. 334: Bracketville-Northeast-Junction State 55	281S	30 mi.						x				x			x	x			x	x				x	x	x		
Farm Road No. 674: Rock Springs-South-Bracketville	282S	58 mi.						x				x			x	x			x	x				x	x	x		
Big Bend National Park Road: Santa Elena Canyon-East-Boquillas, Mexico	289S	60 mi.								x	x	x			x		x	x	x	x	x			x		x		
U.S. 385: Junction Big Bend National Park Road-North-Marathon	290S	65 mi.								x	x	x			x		x	x							x	x		
Farm Road No. 170: Northwest and Southwest of Presidio	294S	50 mi.								x	x	x			x					x	x				x	x		
State Highway No. 35: Tivoli-South-Corpus Christi	302S	62 mi.						A	x			x			x				x	x				x	x	x		
U.S. 83: Zapata-Southeast-McAllen	321S	96 mi.								x		x			x				x	x				x	x	x		
State Highway No. 100: Junction U.S. 83-East-Laguna Madre-Bay Shoreline	329S	20 mi.						A		x		x			x				x					x	x	x	x	
Free-flowing streams:																												
Sabine River	101S	300 mi.						x		x		x			x		x	x	x	x	x	x	x	x	x	x		
Angelina River	108S	72 mi.						x		x		x			x		x	x	x	x	x	x	x	x	x	x		
Pecos River	196S	80 mi.						x			x	x			x		x	x	x	x	x	x	x	x	x	x		
Nueces River	279S	70 mi.						x			x	x			x		x	x	x	x	x	x	x	x	x	x		
Foot trail: Rio Grande River Trail	340S	100 mi.						A		x		x			x				x	x	x	x			x		x	
LOCAL																												
Recreation areas:																												
Grapevine	46L	6, 860	7, 380		A			x				x			x	x	x	x	x	x	x	x	x	x	x	x		
Lake J. B. Thomas	76L	1, 240	7, 820		A			x				x			x				x	x	x	x	x	x	x	x		

See footnotes at end of table.

TEXAS	Number on map	Acreage		Significant features								Type of use		Activities														
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
LOCAL—Continued																												
Recreation areas—Continued																												
Benbrook	97L	430	3, 770	..	A	..	..	..	..	..	..	x	..	..	x	..	..	x	x	x	x	x	x	x	..	x	..
Edge Falls	267L	70	..	..	..	x	..	..	..	..	..	x	..	x	x	..	..	x	x	x	x	..	x	x	x	x	..
Beach: Boca Chica	336L	300	..	..	..	..	x	..	..	..	..	x	..	x	x	x	..	x	x	x	x	x	x	x	x	..	..

- (1) Where water surface acreage not shown:
 "S" indicates water area under 500 acres.
 "M" indicates water area of 500 to 10,000 acres.
- (2) An "A" indicates all or major portions of water surface adjacent to area.
- (3) Suggested area—qualifications not wholly determined. Further study required.
- (4) Area authorized by Congress; land being acquired.
- (5) Eligible for Registered Historic Landmark Status.
- (6) Major additions recommended.
- (7) Total acreage for Lavon project includes Lake Davy Crockett, Coffee Mill Lake, and Lake Fannin.
- (8) National historic site in non-Federal ownership.

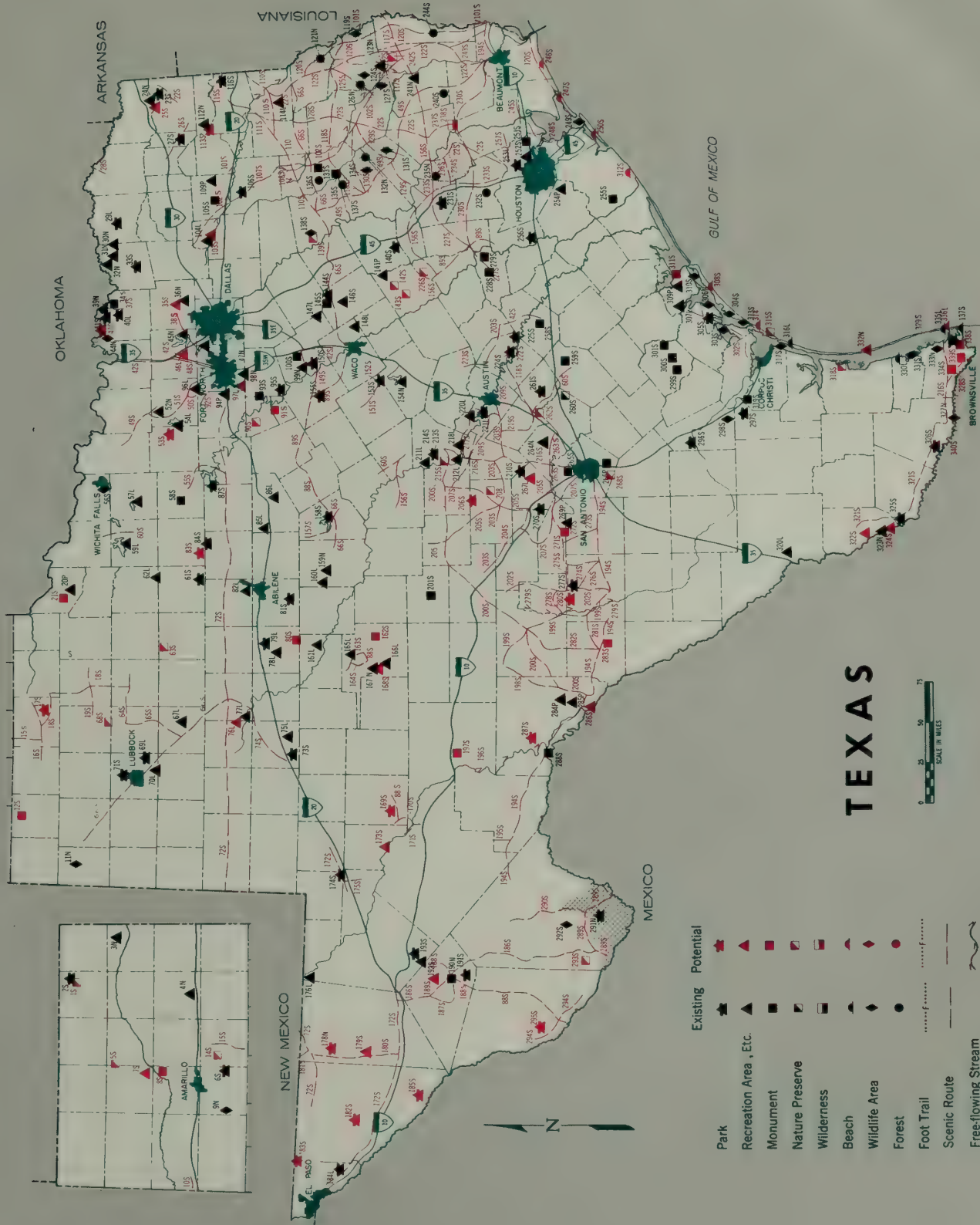


Amistad Dam will provide water recreation on an 86,400-acre reservoir at this site on the Rio Grande.



One of the nature preserves recommended for Texas would preserve stands of virgin longleaf pine.

U.S. FISH AND WILDLIFE SERVICE.



TEXAS

- | | Existing | Potential |
|-----------------------|----------|-----------|
| Park | ▲ | ▲ |
| Recreation Area, Etc. | ▲ | ▲ |
| Monument | ■ | ■ |
| Nature Preserve | ■ | ■ |
| Wilderness | ■ | ■ |
| Beach | ▲ | ▲ |
| Wildlife Area | ▲ | ▲ |
| Forest | ● | ● |
| Foot Trail | — | — |
| Scenic Route | — | — |
| Free-flowing Stream | — | — |
| NATIONAL PARK | ■ | ■ |
| NATIONAL FOREST | ■ | ■ |

IN VIRGINIA the mountains, seacoast, and important cultural contributions combine to produce fine and diversified outdoor recreation resources. A good number are in public or quasi-public ownership; some are still largely untapped. Many opportunities have already been lost.

The population increased 19 percent in the last decade to 3,966,949 in 1960. The percentage of increase about equaled the national average. Projections indicate 5,385,000 by 1976. Much of the urban 55.6 percent is concentrated in the tidewater region and along the eastern fringe of the piedmont. The major metropolitan areas are Richmond, Roanoke, the Hampton Roads area, and the suburbs of Washington, D.C.

Outdoor recreation plays an important part in the State's economy. The tourist industry, second only to manufacturing in 1960, had an estimated value of \$725 million. Many local and national tourist attractions are owned and managed by private enterprise and quasi-public organizations.

The highway system provides good access to most of the attractive recreation regions. This is less true of the coast, where deeply serrated shorelines make direct access difficult. The interstate routing will bring the mountains nearer to large urban populations, and the Chesapeake Bay Bridge-Tunnel, when completed, is expected to increase through travel.

Virginia has three distinct regions, tidewater, piedmont, and mountain, providing wonderfully varied opportunities for outdoor recreation. The State is rich in historic sites dating from colonial, Revolutionary, and Civil War times. Twenty-three sites not in the National Park System possess exceptional value in commemorating the history of the United States.

Sectional variations in climate permit a long outdoor recreation season and a wide range of activities; and varied topography, from seacoast to 3,000-foot mountains, encourages changes of activities.

Despite many miles of coastline, most of the seashore opportunities have long since been foreclosed. Much of this shoreline fronts on Chesapeake Bay and the large estuaries of the Potomac, Rappahannock, York, and James Rivers, where pollution is a serious problem.

Enjoyment of the natural and historic scene, along with swimming and other water-related activities, are prime interests in this State. Fresh and salt-water fishing is popular and now being improved.

EXISTING PUBLIC AREAS

NATIONAL: The National Park Service administers 14 areas, 2 of which are partly in adjacent States. They contain 258,227 acres and had an attendance of 9,700,000 in 1960. The Tennessee Valley Authority operates one reservoir (partly in Tennessee) of 7,580 water-acres. The Corps of Engineers operates two reservoirs (one partly in North Carolina) with 56,100 water-acres. The Forest Service has 15 recreation areas on about 500 acres in 2 national forests that have a total of 1,446,132 acres. The Bureau of Sport Fisheries and Wildlife manages 14,648 acres in three wildlife refuges.

STATE: The Breaks Interstate Park Commission operates 1 park (partly in Kentucky) of 1,518 acres that had an attendance of 21,000 in 1960. The Virginia Division of Parks administers five parks, seven recreation areas, four natural areas, and two

historical areas totaling 29,394 acres. The 1960 attendance was 916,165. The Commission of Game and Inland Fisheries operates 13 fishing reservoirs, 31 access areas, 3 wildlife refuges, and 20 public hunting areas. The Division of Forestry administers 3,975 acres in four forests. The Department of Highways operates 10 waysides which provide water and sanitation facilities and 34 roadside picnic areas. They contain 503 acres.

LOCAL: There are six major nonurban parks and recreation areas containing 2,760 acres.

QUASI-PUBLIC AND PRIVATE: Thirteen outstanding historic sites totaling 3,868 acres and the 460-mile Appalachian Trail are operated by quasi-public and private organizations for public use.

PRIVATE ENTERPRISE: A significant role is played by private enterprise—seashore resorts, beaches, boating facilities, mountain resorts, caverns, and other geologic features. Private power company reservoirs contribute recreation opportunities.

PARK AND RELATED NEEDS

The fast-growing population, coupled with tremendous numbers of out-of-State visitors, accents the urgency to conserve and develop remaining resources for public use, particularly in the more populous sections. Existing recreation facilities are not in balance by type and distribution with the demand. The few remaining seashore opportunities call for most prompt action. Camping areas in the tidewater section are lacking.

The State park system needs additional and diversified areas. Even more pressing is the situation at local and metropolitan levels where little has been done. In addition to parks and related areas as such, much should be done through zoning or other appropriate State or local action to preserve the attractiveness of scenic routes, streams, and the countryside in general.

For the present population of more than 4 million (including one-half of the District of Columbia population), existing State recreation areas now provide only 31,812 acres, local areas an additional 3,210. Even if ideally distributed, this is but a fraction of the need. Potential areas identified in this plan total

158,905 acres judged of State significance and 44,030, local. This still might be short of the desirable picture, even if it all could be acquired. By 1976 the demand will be greater.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. If the following recommendations are implemented by vigorous action on the part of the agencies concerned, they can do much, it is felt, to help provide needed outdoor recreation opportunities for public enjoyment and use.

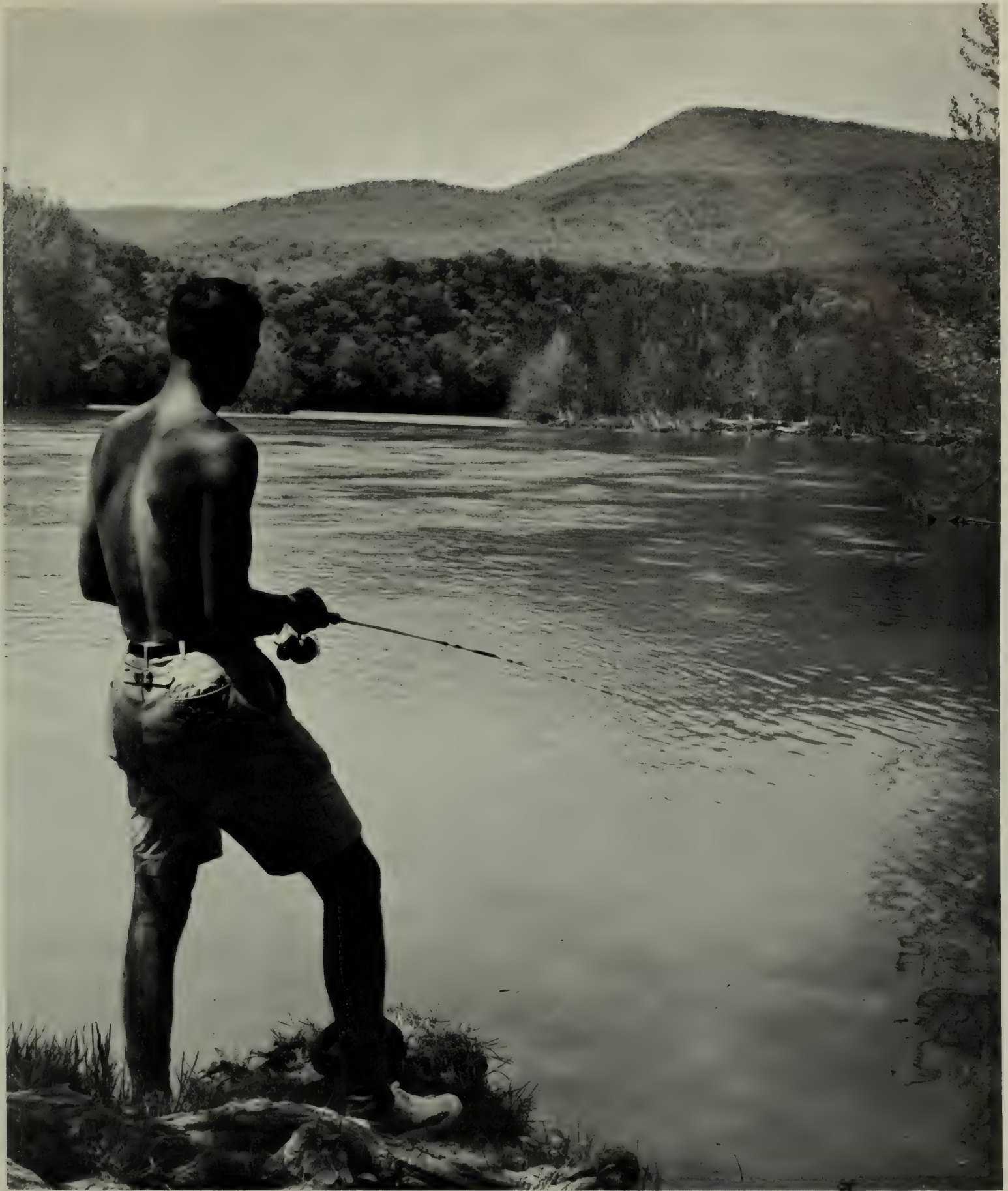
NATIONAL: Establishment of Great Falls Park as a unit of the National Capital Park System and two extensions to the George Washington Memorial Parkway. Study the feasibility of an Allegheny National Parkway extending from Hagerstown, Md., to Cumberland Gap National Historical Park. Further study of suitability and feasibility for an Appalachian Parkway.

STATE: Expansion of the State park system to preserve valuable resources by addition of two parks and two natural areas and major additions to two existing parks. Further study of 18 suggested areas and 1 parkway. Designation and protection for three scenic roads and two canoe trails.

LOCAL: Establishment of 10 parks and recreation areas and further study of 15 suggested areas.

Supporting recommendations include—

1. An adequate system of waysides, including the State's plan for 42 Interstate Highway rest areas, improvement of existing waysides, and consideration of a related program of interpretive devices.
2. Consideration for conversion of Conway Robinson Memorial Forest to recreation use.
3. Cooperative planning to take full advantage of recreation potential on 17 proposed Federal reservoirs—this to include consideration of lands around proposed J. W. Flannagan Reservoir for addition to Breaks Interstate Park.
4. Interstate cooperation toward preservation of Dismal Swamp and the Outer Banks.



The scenic, pastoral Shenandoah River, a favorite bass stream, rippling and gliding under the Blue Ridge and Massanutten Mountains, merits designation as a canoe trail.

VIRGINIA

EXISTING AREAS

FEDERAL

Park: Shenandoah National Park.....	2N	193, 178						x				x	x			x	x	x	x	x	x						x		x
Recreation areas:																													
Prince William Forest Park (National Capital Parks).....	28N	12, 215						x								x		x		x	x	x	x	x			x		
South Holston Lake Reservoir (Virginia portion).....	100N		7, 580	x				x								x				x			x		x				
Philpott Reservoir.....	107N		2, 900	x												x				x			x		x				
John H. Kerr Reservoir.....	110N		53, 200	x				x								x	x	x		x	x	x	x	x	x				
Monuments: Historic:																													
Manassas National Battlefield Park.....	11N	2, 883														x		x	x	x	x	x							
Custis-Lee Mansion National Memorial.....	15N	4														x		x		x	x								
Fredericksburg and Spotsylvania National Military Park.....	34N	2, 514						x								x		x		x	x	x							
George Washington Birthplace National Monument.....	37N	394						x								x		x		x	x	x			x				
Colonial National Historical Park.....	62N	7, 260						x								x		x		x	x	x							
Petersburg National Battlefield.....	67N	1, 506														x		x		x	x	x							
Richmond National Battlefield Park.....	72N	750														x		x		x	x	x							
Appomattox Court House National Historical Park.....	85N	937														x		x		x	x								
Booker T. Washington National Monument.....	88N	200														x		x		x									
Cumberland Gap National Historical Park (Virginia portion).....	97N	7, 478																											
Forests:																													
George Washington National Forest.....	1N	903, 748	20					x								x	x				x	x	x	x	x	x	x	x	
Jefferson National Forest.....	92N	543, 501						x												x	x			x	x	x	x	x	
Wildlife areas:																													
Chincoteague National Wildlife Refuge (Virginia portion) (8).....	49N	9, 030																		x				x		x			
Presquile National Wildlife Refuge.....	69N	1, 329																		x									
Back Bay Migratory Waterfowl National Wildlife Refuge.....	120N	4, 589																		x				x		x			
Parkways:																													
George Washington Memorial (Virginia portion).....	16N	21 mi.																		x									
Blue Ridge Parkway (Virginia portion).....	104N	215 mi.																		x									

STATE

Parks:																											
Westmoreland State Park.....	38S	1, 355				x		x							x	x		x	x	x	x	x	x	x			
Douthat State Park.....	91S	4, 493	66			x		x			x				x				x	x	x	x	x	x			
Breaks Interstate Park (Virginia portion) (5).....	96S	1, 518				x		x			x				x				x	x							
Hungry Mother State Park.....	102S	2, 139	108			x		x			x	x			x	x			x	x	x	x	x	x			
Fairy Stone State Park (5).....	106S	4, 561	168			x		x			x				x	x			x	x	x	x	x	x			
Seashore State Park.....	116S	2, 770	20	x				x	x			x			x	x		x	x	x	x	x	x	x		x	
Recreation areas:																											
Pocahontas State Park.....	71S	7, 605	181			x		x							x				x	x	x	x	x	x			
Bear Creek Lake Recreation Area.....	80S	150	50			x		x							x				x			x	x	x			
Prince Edward State Park.....	82S	56	28			x		x							x				x			x	x	x			
Goodwyn Lake Recreation Area.....	83S	115	15			x		x							x				x			x	x	x			
Holiday Lake Recreation Area.....	84S	243	143			x		x							x				x	x		x	x	x			

See footnotes at end of table.

VIRGINIA	Number on map	Acreage		Significant features									Type of use				Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS—Continued																													
STATE—Continued																													
Recreation areas—Continued																													
Claytor Lake State Park	93S	438	L	A			x							x				x		x	x	x	x						
Staunton River State Park	108S	712	53, 200	A			x							x	x			x	x	x	x	x	x						
Monuments: Historic:																													
Washington's Grist Mill	22S	7										x		x															
Saylers Creek Battlefield	81S	221										x		x															
Nature Preserves:																													
Parkers Marsh Natural Area	46S	759					x					x		x					x		x							x	
Wreck Island Natural Area	52S	920					x					x		x					x		x		x					x	
Goshen Natural Area	90S	2, 000					x				x			x					x									x	
Mountain View Farm Natural Area	94S	850					x				x			x					x									x	
Wildlife areas:																													
Michael's Marsh	47S	2, 500					x					x		x							x				x	x			
Mockhorn Island Refuge	54S	9, 110					x					x		x							x		x	x	x	x			
Hog Island (Surry County)	61S	1, 900					x	x				x	x	x					x		x			x	x				
MAJOR LOCAL																													
Park: Bedford County Park	89L	450	30	x							x			x					x			x	x	x					
Recreation areas:																													
War Memorial Park	4L	360	M	A										x					x		x	x							
Bull Run Regional Park	18L	500				x		x						x					x	x	x					x			
Burke Park	19L	436	220	x										x					x		x	x	x						
Accotink Stream Valley Park	20L	414		A			x							x					x	x	x	x		x					
Oconeechee Park and Marina	109L	600		A			x							x					x		x	x	x						
MAJOR QUASI-PUBLIC AND PRIVATE																													
Monuments: Historic:																													
Mount Vernon (6)	23P	500				x						x		x		x	x												
Woodlawn	24P	126										x		x		x													
Gunston Hall (6)	25P	300				x						x		x		x													
Stratford Hall (6)	39P	1, 164				x						x		x		x	x												
Colonial Williamsburg (6)	63P	640										x		x	x	x	x												
Smith's Fort	65P	19										x		x															
Berkeley	68P	300										x		x		x	x												
Scotchtown	73P	100										x		x															
Monticello (6)	79P	700									x		x	x		x	x												
St. Luke's Church (6)	112P	10										x		x		x	x												
Adam Thoroughgood House (6)	115P	5										x		x		x													
Cape Henry Lighthouse	117P	4					x					x		x		x	x												
Jamestown (7)	122P	22																											
Foot trail: Appalachian Trail	7P	460 mi.					x				x	x		x		x		x	x	x					x	x			
POTENTIAL AREAS																													
NATIONAL																													
Park: Great Falls (National Capital Parks)	12N	780				x		x			x	x	x	x	x		x		x	x	x					x			
Parkways:																													
George Washington Memorial Parkway (Ex-tension to Great Falls)(3)	13N	3 mi.						x			x				x	x	x	x	x	x									
George Washington Memorial Parkway (Ex-tension to Woodlawn)	26N	3 mi.											x		x		x	x											
See footnotes at end of table.																													

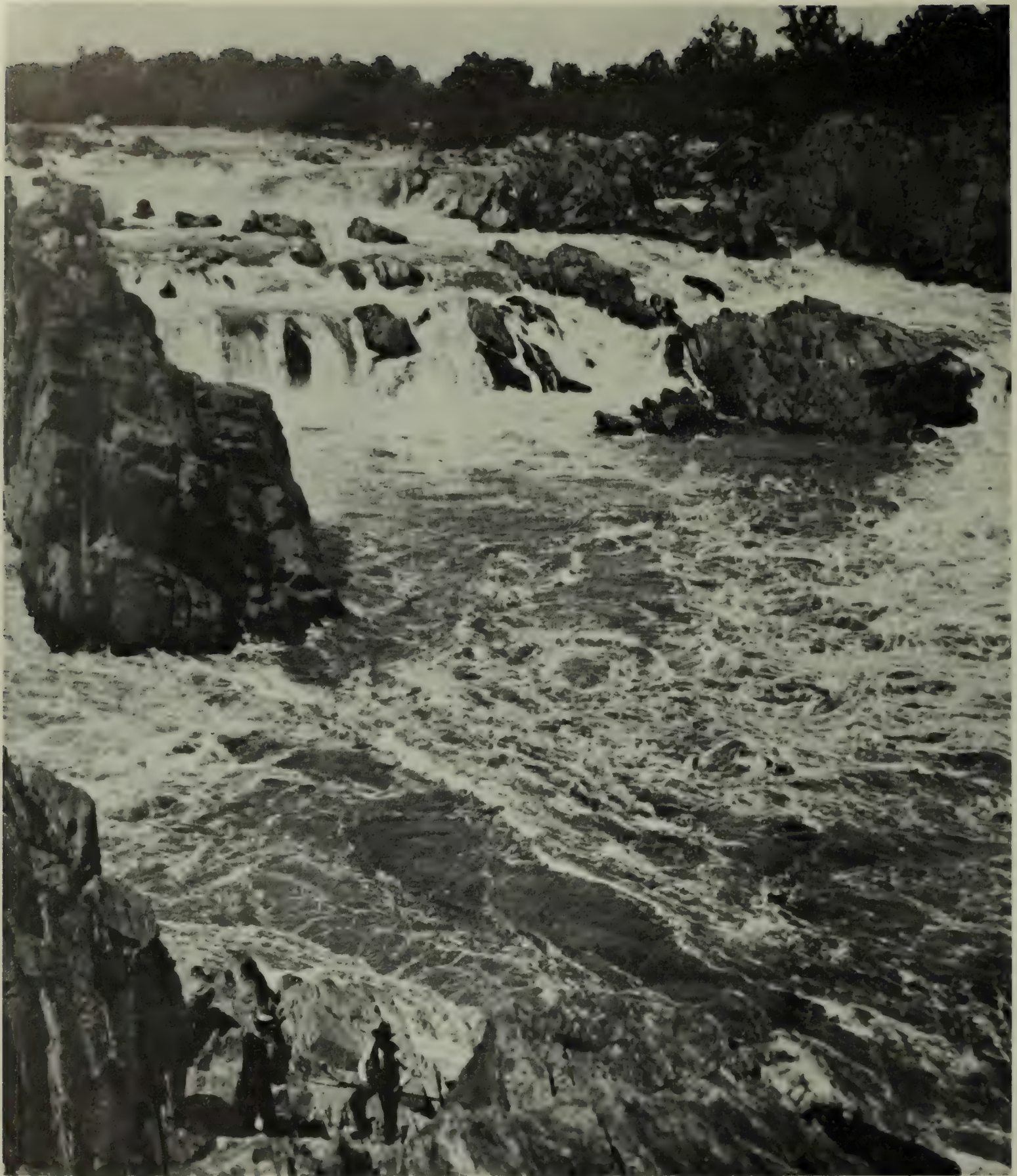
VIRGINIA

	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
VIRGINIA																												
POTENTIAL AREAS—Continued																												
NATIONAL—Continued																												
Parkways—Continued																												
Allegheny Parkway (Virginia portion) (4).....	95N	134 mi.						x			x				x		x	x	x									
Appalachian Parkway (Virginia portion) (4)....	6N	67 mi.						x			x				x	x	x	x	x	x								
STATE																												
Parks:																												
Youbedamn-Marlboro Point.....	33S	1,400				x		x					x		x			x	x	x	x	x	x	x		x		
Abrams Falls.....	99S	2,500				x		x			x				x	x	x		x	x	x						x	x
Recreation areas:																												
Mathias Point (4).....	36S	12,000	50			x		x							x	x	x	x	x	x	x	x	x	x	x	x		
Great Wicomico River (4).....	42S	1,000	500			x		x							x				x			x	x	x	x			
Hack Creek (4).....	43S	4,000	400			x		x							x	x			x	x	x	x	x	x		x		
Smith Mountain Lake (4).....	87S	9,500	M	A				x			x				x	x			x	x	x	x	x	x	x	x		
Monuments: Historic:																												
Cedar Creek Battlefield (4).....	3S	500											x		x			x	x									
Balls Bluff Battlefield (4).....	10S	500				x							x		x			x	x									
Brandy Station Battlefield (4).....	29S	500											x		x			x	x									
Widener's Valley (4).....	101S	100						x			x				x	x			x	x								
Shot Tower (4).....	103S	50				x							x		x				x									
Nature preserves:																												
Smoot Farm.....	35S	1,000				x		x							x											x		
Smith Point.....	44S	100				x	x								x											x		
Parramore Island (4).....	50S	6,255					x	x							x	x	x	x	x	x	x	x	x	x	x	x		
Offshore Islands (Between Parramore and Fisherman) (4).....	53S	4,200				x						x			x						x		x		x		x	
Blackwater (4).....	66S	1,000				x		x							x											x		
Busted Rock (4).....	105S	1,000						x			x				x											x		
Dismal Swamp (4).....	113S	100,000	L	x				x			x				x		x	x			x	x		x	x		x	
Beaches:																												
Windmill Point (4).....	45S	500					x	x							x				x		x	x	x	x				
Assateague Island (4).....	48S	5,000					x								x	x	x		x	x	x	x	x	x	x	x		
Hog Island (4).....	51S	3,800					x								x				x	x	x	x	x	x		x		
Outer Banks (4).....	121S	4,000					x								x				x	x	x	x	x	x	x	x		
Parkway: James River (4).....	78S	15,000	150 mi.			x	x			x					x		x	x	x	x	x							
Scenic roads:																												
U.S. 15.....	30S	110 mi.											x		x		x	x	x									
State Route 5.....	64S	50 mi.						x					x		x	x	x		x									
U.S. 58.....	98S	160 mi.					x			x			x		x		x	x	x									
Canoe trails:																												
Shenandoah River.....	5S	345 mi.				x		x			x				x						x							
Rappahannock-Rapidan River.....	31S	177 mi.				x		x							x						x							
LOCAL																												
Parks:																												
Bull Run Mountain (4).....	8L	10,000						x			x				x			x	x	x	x					x		
Mason Neck.....	27L	5,000				x		x					x		x			x	x	x	x	x	x	x		x		
Big Bethel (4).....	58L	1,300	M	x				x					x		x				x	x		x		x				
Hampton Central Park.....	59L	800						x							x				x	x								
Lee Hall Watershed Reservation.....	60L	8,500	M	x				x							x			x	x	x	x	x		x		x		
Chickahominy Swamp.....	74L	1,700				x		x							x			x	x	x		x	x	x		x		
Tuckahoe Swamp (4).....	76L	1,000	M	x				x							x				x	x		x	x	x		x		
James River (at Boshers's Dam) (4).....	77L	500	M	x	x			x							x				x	x		x	x	x				

See footnotes at end of table.

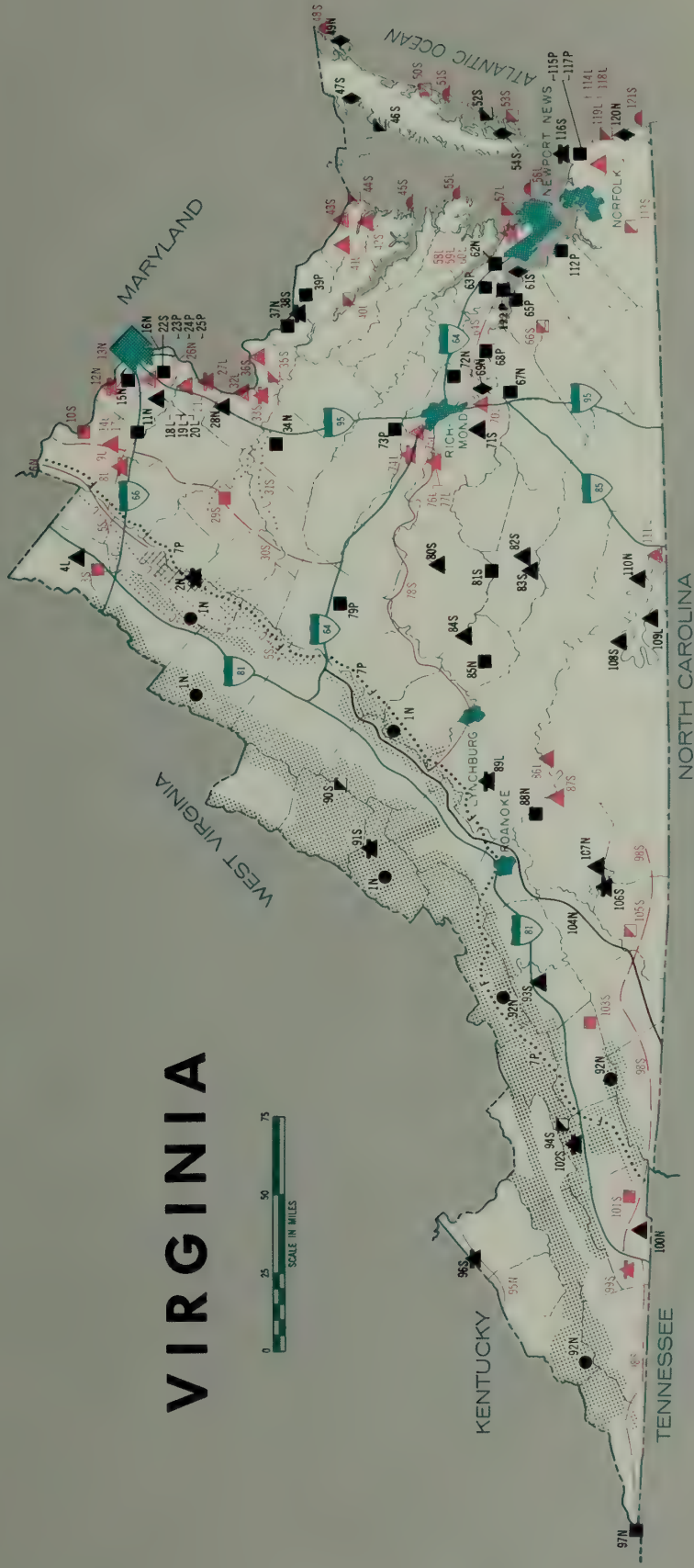
VIRGINIA	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
LOCAL—Continued																												
Recreation areas:																												
Goose Creek	9L	1, 000				x		x			x				x			x	x	x	x					x		
Pimmit Run Valley Park (4)	14L	560				x		x							x				x	x						x		
Holmes Run Valley Park	17L	570				x		x							x				x	x						x		
Ocoquon Creek and Reservoir	21L	2, 000	100		x	x		x							x			x	x	x	x	x	x			x		
Widewater (4)	32L	300				x		x							x		x	x	x		x	x	x	x				
Coan River (4)	41L	700				x		x							x			x		x	x	x	x	x	x			
James River Marina	70L	1, 200				x		x							x			x	x			x	x					
Archdale (4)	75L	500						x							x				x	x		x		x				
Leesville Reservoir (4)	86L	500	M		x			x							x				x		x	x	x					
Gaston Reservoir (4)	111L	500	20, 300		A										x			x	x		x	x	x	x				
Stumpy Lake (4)	114L	1, 000	60		x			x							x				x	x					x			
Day-Olps Farm (4)	118L	600		A				x							x				x			x	x	x	x	x		
Nature preserves:																												
Muskrat Colony (4)	40L	500				x		x				x			x											x		
Langley	57L	1, 800						x							x											x		
American Lotus (4)	119L	500				x		x											x							x		
Beaches:																												
Matthews (4)	55L	2, 400						x							x				x	x	x	x	x	x				
Grandview	56L	600						x							x				x			x	x	x		x		

- (1) Where acreage not shown:
 “M” indicates water surface of 500 to 10,000 acres.
 “L” indicates water surface over 10,000 acres.
- (2) An “A” indicates all or major portions of water surface acreage is adjacent to area.
- (3) Authorized by Congress; not yet established.
- (4) Suggested area—qualifications not wholly determined. Further study required.
- (5) Major additions recommended.
- (6) Eligible for Registered National Historic Landmark status.
- (7) National historic site in non-Federal ownership.
- (8) Included in the Assateague Island National Seashore proposal.



Great Falls rumble down a wild Potomac gorge only ten miles from the National Capitol. To complement parkland across the river, the Virginia shore of this spectacular natural area also merits park status.

VIRGINIA



WEST VIRGINIA

WEST VIRGINIA, aptly called "The Mountain State," with an average altitude of 1,500 feet, is the highest State east of the Mississippi River.

The 1960 population was 1,860,421 a 7-percent decrease from 1950. However, projections indicate an increase to 1,905,000 by 1976. The greatest population losses were in the northern and central counties, while 12 counties along the Ohio and Kanawha Rivers and in the eastern panhandle showed gains. The average density is 77.3 persons per square mile, ranging from 11.6 percent in Pendleton County to 639.6 in Ohio County. Only 38 percent of the population lives in urban areas.

The State's economy has been based on coal mining and manufacturing. Tourism brought in an estimated \$290 million in 1960—far behind its estimated potential. With the State's scenic mountain area within a 300-mile radius of 60 million people, it is possible that tourism could become the State's dominant industry.

Tourist surveys within West Virginia have consistently expressed a desire for highway improvement. Lately, the State has proposed the construction of a "Backbone Expressway System." Four planned Interstate Highways will also greatly improve access from other States. The pattern of mountains, valleys, rivers, and streams combines to create much scenic beauty. Half the State is forested. Water impoundments are becoming increasingly important as recreation assets. Industry and coal-mining wastes have brought about serious water-pollution problems. The State's high average elevation provides a salubrious climate; summers are warm but comfortable; winters are moderate to cold.

EXISTING PUBLIC AREAS

NATIONAL: The National Park Service administers one national historical park of 469 acres that had an attendance of 585,800 in 1960. The Corps of Engineers administers four reservoirs. The 1960 attendance was 797,300. It also has one reservoir now filling, and another under construction. The Forest Service administers 2 national forests totaling 903,980 acres, in which there are 9 campgrounds and 50 picnic areas on an estimated 2,100 acres, and 11 wildlife management areas.

STATE: The Division of Parks and Recreation administers 43,458 acres in 25 parks, recreation areas, and monuments that had an attendance of 1,940,413 in 1960. The State Division of Forestry administers eight recreation areas in nine forests totaling 78,309 acres. The Division of Game administers 239 acres in two wildlife areas and 33,280 acres in seven hunting areas. The Road Commission has 191 roadside parks.

LOCAL: There are four nonurban local parks with a total of 2,798 acres.

PRIVATE ENTERPRISE: There is an urgent need for additional modern overnight accommodations throughout the State. Progress in developing winter sport facilities is encouraging.

PARK AND RELATED NEEDS

Most parks are now located in the eastern mountains, while the population is concentrated in industrial areas in other parts of the State. There is need for



The spectacular Smoke Hole area on the South Branch of the Potomac River in West Virginia is popular with canoeists. Protection of the South Branch as a scenic free-flowing stream is recommended.

recreation areas accessible to these industrial sections. To capitalize on the large out-of-State visitor potential, and to protect park values in outstanding areas that may soon be committed to other uses, enlargement of the park system is necessary. So is improvement of existing facilities, as well as continuing road improvements. Additional local parks are needed to serve urban areas. Places of historical and archeological interest need recognition and development for a balanced State program.

Existing State parks provide 43,458 acres for 1,860,421 residents, and local parks provide an addi-

tional 2,798 acres. Potential areas of State significance identified in this plan total 36,100 acres; potential local areas, 10,500 acres. Even if all these potential areas were acquired and developed, additional areas may be needed to meet the demand by 1976.

RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following program, which will need vigorous action on the part of the agencies concerned,

is recommended to help provide additional outdoor recreation opportunities in West Virginia.

NATIONAL: Make a study of the feasibility of an Allegheny Parkway extending from Hagerstown, Md., to Cumberland Gap National Historical Park.

STATE: Enlargement of the State park and recreation system to protect more adequately areas of outstanding scenic, scientific, historic, or archeologic interest. Four parks are recommended and one monument is suggested for further study.

Establishment of additional areas of high recreation potential to supplement the natural areas. Five areas are recommended and five are suggested for further study.

Designation and protection of segments of rivers as canoe trails. Three such trails are recommended for study to initiate this program.

Preservation of segments of rivers in their natural

condition as free-flowing streams. Two such streams are recommended for study.

Designation of recreation routes and scenic drives for the enjoyment and edification of residents and visitors alike. Six scenic routes are suggested.

LOCAL: Institution and expansion of out-of-city park systems and programs to incorporate areas of scenic, scientific, and historic interest. Thirteen areas are recommended, and four additional areas are suggested for further study.

Supporting recommendations include—

1. Northeastern West Virginia studied to identify additional areas of exceptional quality for possible establishment as State parks.
2. Designation and appropriate development as recreation areas of approximately 1,000 acres each in Cabwaylingo, Camp Creek, Cooper's Rock, Greenbrier, Kanawha, Panther, and Seneca State Forests.
3. Designation and maintenance in their primitive state of Calvin W. Price and Kumbrabow State Forests as nature preserves.



An Allegheny Parkway would reveal West Virginia's mountain scenery to millions of motorists.

WEST VIRGINIA

WEST VIRGINIA	Number on map	Acreage		Significant features									Type of use			Activities													
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Recreation areas:																													
Tygart Reservoir.....	15N		1, 700		x										x			x	x			x		x					
Sutton Reservoir.....	45N		M		x										x			x	x			x		x					
Summersville Reservoir.....	57N		M		x										x			x	x			x		x					
Bluestone Reservoir.....	85N		1, 900		x										x			x	x			x		x					
Monument: Historic: Harpers Ferry National Historical Park.....	34N	469				x						x		x		x	x		x										
Forests:																													
Monongahela National Forest.....	50N	805, 721	S	x				x			x	x			x				x	x	x		x	x	x				
George Washington National Forest (West Virginia portion).....	37N	98, 259				x		x			x	x			x				x	x				x	x				
STATE																													
Parks:																													
Audra State Park.....	13S	306				x						x		x	x				x	x			x	x					
Blackwater Falls State Park.....	24S	1, 679				x		x			x	x		x	x	x	x		x	x	x	x	x	x					
Cacapon State Park.....	31S	5, 814	6	x				x			x	x			x	x	x		x	x	x	x	x						
Lost River State Park.....	38S	3, 610				x		x			x	x			x	x	x		x	x			x						
Holly River State Park.....	47S	7, 592						x			x	x	x		x	x			x	x	x		x	x		x			
Watoga State Park.....	52S	10, 057				x		x			x	x			x	x	x		x	x	x	x	x	x		x			
Grandview State Park.....	90S	878				x		x			x			x	x				x	x									
Babcock State Park (4).....	91S	3, 227				x		x			x	x			x	x			x	x	x		x	x					
Recreation areas:																													
Tomlinson Run State Park.....	1S	1, 387	27	x		x		x							x	x			x	x		x	x	x					
North Bend State Park.....	9S	1, 420				x		x							x				x	x	x			x					
Watters Smith Memorial State Park.....	11S	270											x		x				x										
Tygart Lake State Park.....	16S	1, 803	1, 700	A											x	x			x	x	x	x	x	x					
Mont Chateau State Park.....	18S	42	M	A											x	x	x	x		x		x	x	x					
Cedar Creek State Park.....	44S	2, 000				x									x				x					x					
Hawk's Nest State Park (4).....	59S	94				x					x				x		x	x	x	x									
Chief Logan State Recreation Area.....	77S	2, 471						x			x				x				x	x	x								
Pinnacle Rock State Park.....	82S	33									x				x				x	x	x								
Bluestone Reservoir State Park.....	86S	211	1, 900	A											x	x			x		x	x	x	x					
Monuments: Historic:																													
Fairfax Stone Historical Monument.....	23S	4											x		x		x												
Rumsey Memorial Monument.....	33S	2											x		x		x												
Morgan-Morgan Monument.....	35S	1											x		x														
Droop Mountain Battlefield State Park.....	54S	269						x			x		x		x				x	x									
Carnifex Ferry Battlefield.....	58S	156				x							x		x				x	x									
Point Pleasant Battle Monument.....	73S	6				x							x		x														
Nature preserve: Cathedral State Park.....	22S	126						x			x				x			x	x	x									
Wildlife areas:																													
Horner Game Refuge.....	12S	189										x			x									x	x	x			
Clifton F. McClintic Wildlife Station.....	72S	50	5	x								x			x									x	x	x			
Forests:																													
Cooper's Rock State Forest.....	19S	13, 479						x			x	x			x				x	x	x				x				
Kumbrabow State Forest.....	49S	9, 425				x		x			x	x			x	x			x	x				x	x				
Seneca State Forest.....	51S	11, 492	4	x		x		x			x	x			x	x			x	x		x	x	x	x				
Calvin W. Price State Forest.....	53S	10, 776				x		x			x	x			x										x				
Kanawha State Forest.....	62S	6, 705						x			x	x			x														
Cabwaylingo State Forest.....	76S	8, 126						x			x	x			x	x			x	x			x	x	x				
Panther Creek State Forest.....	79S	7, 724						x			x	x			x				x	x			x		x				

See footnotes at end of table.

WEST VIRGINIA	Number on map	Acreage		Significant features										Type of use			Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS—Continued																													
STATE—Continued																													
Forests—Continued																													
Camp Creek State Forest.....	83S	5,578				x		x			x	x			x				x	x						x			
Greenbrier State Forest.....	94S	5,004						x			x	x		x	x	x			x	x			x						
MAJOR LOCAL																													
Parks:																													
Oglebay Park.....	4L	1,050	S	x									x		x	x	x		x	x		x	x			x	x		
Coonskin Park.....	64L	1,000				x									x				x	x									
Camp Mad Anthony Wayne Park.....	75L	311						x							x	x			x	x			x			x			
Little Beaver Park (4).....	87L	437	50		x			x			x				x				x				x						
MAJOR QUASI-PUBLIC AND PRIVATE																													
Nature preserve: Cranesville Swamp.....	20P	256						x							x	x			x							x			
POTENTIAL AREAS																													
NATIONAL																													
Parkway: Allegheny (West Virginia portion) (3)....	25N	331 mi.			A	x		x			x	x	x		x		x	x	x	x				x		x			
STATE																													
Parks:																													
Valley Falls.....	17S	1,500				x		x			x	x	x	x	x				x	x	x	x	x	x					
Falls Mill.....	42S	200				x									x				x	x									
Bluestone Gorge.....	84S	21,000				x		x		x	x	x			x		x		x	x	x		x			x		x	
Organ Cave.....	93S	1,000								x			x		x		x	x	x							x			
Recreation areas:																													
Bull Creek.....	8S	2,000	400	x				x							x	x			x	x	x	x	x	x					
Sleepy Creek Lake.....	32S	1,000		x				x			x				x				x	x		x	x	x					
Sutton Lake (3).....	46S	500	M		A										x	x			x	x	x	x	x	x					
Summersville.....	56S	2,000	M		A										x	x			x	x	x	x	x	x					
Flat Fork Lake (3).....	68S	500	200	x											x				x	x	x	x	x	x					
Parchment Valley (3).....	70S	500	150	x											x				x	x		x	x						
River Bend (3).....	71S	500				x									x				x	x		x	x	x					
Milton Lake (3).....	74S	2,000	100	x											x	x			x	x	x	x	x	x					
Plum Orchard Lake.....	89S	3,000	S		x										x	x			x	x	x	x	x	x					
Mont Cove Lake.....	95S	270	64	x											x	x			x	x	x	x	x	x					
Monument: Historic: Blennerhasset Island (3).....	6S	170				x							x		x		x	x											
Scenic roads:																													
U.S. Route 220.....	39S	40 mi.				x		x			x	x	x		x		x	x											
U.S. Route 33.....	40S	70 mi.						x			x	x	x		x		x	x											
State Secondary Routes 45 and 46.....	41S	41 mi.				x		x			x		x		x			x	x					x					
State Secondary Route 5.....	43S	27 mi.						x			x				x	x			x	x				x					
State Route 39.....	55S	32 mi.				x		x			x				x	x			x	x	x				x				
State Secondary Route 9.....	92S	23 mi.				x		x			x				x	x			x	x									
Free-flowing streams:																													
South Branch of the Potomac River.....	28S	85 mi.				x		x			x				x		x				x	x	x						
Cacapon River.....	30S	80 mi.				x		x			x				x		x				x	x	x						
Canoe trails:																													
Cheat River.....	21S	45 mi.				x		x							x		x				x	x		x					
South Branch of the Potomac.....	27S	118 mi.				x		x			x				x		x				x	x		x					
Cacapon River.....	29S	80 mi.				x		x			x				x		x				x	x		x					

See footnotes at end of table.

WEST VIRGINIA	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
LOCAL																												
Parks:																												
Lick Branch Park (3).....	65L	2,000				x									x				x	x	x							
Clendenin Park (3).....	66L	2,000				x		x			x	x			x				x	x	x			x				
Roane County Park.....	69L	318				x					x				x				x	x		x	x				x	
Stephens Branch Park.....	88L	2,100	300	x			x								x				x	x		x	x	x			x	
Recreation areas:																												
Castleman Run Lake.....	2L	133	22	x											x	x			x	x	x	x	x	x				
Bear Rocks Lake.....	3L	163	S		A										x				x	x				x				
Burchs Run Lake.....	5L	54	30	x											x				x	x		x	x	x				
Turkey Run Lake.....	7L	100	37	x											x				x				x					
Conway Run Lake.....	10L	100	S		A										x	x			x	x	x	x	x	x				
Teter Creek Lake.....	14L	112	75	x			x								x				x			x	x	x				
New Creek Lake (3).....	26L	30	S		A						x				x				x			x		x				
Warden Lake.....	36L	110	36	x			x				x				x	x			x		x	x	x	x				
Back Creek Lake (3).....	48L	500	S		A		x				x				x				x	x		x	x	x				
Witcher's Creek.....	60L	400																										
Fork Creek (3).....	61L	2,000				x		x							x	x			x	x	x		x					
Sissonville.....	67L	150					x								x				x									
Mingo Lake (3).....	78L	116	29	x			x				x				x				x									
Horse Creek.....	80L	48	12	x											x				x			x		x				
War Creek Lake.....	81L	87	29	x											x				x			x	x	x				

(1) Where acreage not shown:

"S" indicates water surface under 500 acres.

"M" indicates water surface of 500 to 10,000 acres.

(2) An "A" indicates all or major portions of water surface acreage is adjacent to area.

(3) Suggested area—qualifications not wholly determined. Further study required.

(4) Major additions recommended.



WEST VIRGINIA



	Existing	Potential
Park	★	★
Recreation Area, Etc.	▲	▲
Monument	■	■
Nature Preserve	▣	▣
Wilderness	▤	▤
Beach	⬇	⬇
Wildlife Area	◆	◆
Forest	●	●
Foot Trail	.....F.....	.....f.....
Canoe Trail	.....C.....	.....c.....
Parkway	————	————
Scenic Route	———	———
		~~~~~

NATIONAL FOREST





The Ohio River at Elizabethtown, Illinois.









# NORTH CENTRAL

The variations in physiographic and socioeconomic characteristics contained within this region can be appreciated by considering that it encompasses 12 States and includes the Dakotas in the west and Ohio in the east, Missouri in the south, and Minnesota in the north. The outdoor recreation resources and the need for protection, land acquisition, and development of facilities are equally diversified.

This diversity has brought about regional outdoor recreation use patterns and problems, and a resulting need for coordinated planning efforts at the region-wide, interstate, State, and local levels. Elements accenting this need are the metropolitan complexes sprawling across State boundaries; the dominance of the Great Lakes in the North Central recreation resource picture calling for both interstate and regional planning for parks and recreation areas along the shores; the summer migration from the hot farm belt to the cool forest and lake country of northern Minnesota, Wisconsin, and Michigan; the winter travel to winter sports areas; and planning for development of the Mississippi, Missouri, and Ohio River Basins. The development of the Interstate Highway network will accentuate the importance of regionwide planning.

The climate ranges from the cold winters of the Lake States and Great Plains to the relatively mild winters of southern Missouri, Illinois, Indiana, and Ohio. While the northern areas endure frigid winter conditions (which offer ideal winter sports opportunities), they enjoy a pleasant summer climate with the exception of the Great Plains area in the west, where hot summers with cool evenings are the rule. In the south, the heat of summer combined with the humidity of the lowland results in a period each year during which much recreation travel is directed away from that portion of the region. Spring and fall are delightful, and there is considerable variation as to the time of occurrence of this pleasant weather within the region.

Population density ranges from the congestion of urban, commercial-industrial centers such as Chicago, Detroit, and Cleveland, through the relatively evenly distributed rural populations of the highly productive Corn Belt to the sparsely settled areas in the western

and northern extremities. From all indications it would appear that those areas with high population density will become even more populous, and that those with few inhabitants will continue to have lower rates of population growth. Twenty-nine percent of the population of the 48 contiguous States reside in this region.

The contribution of outdoor recreation to the total economy of the North Central region ranks high. The areas enjoying the major portion of the income from tourism are in the Northwoods-Lakes regions of Minnesota, Wisconsin, and Michigan.

Reasonably accessible to the urban population concentrations around Minneapolis-St. Paul, Milwaukee, Chicago, Detroit, and Cleveland and blessed with a climate which is ideal for both summer and winter outdoor activities, this area must logically be expected to receive heavy recreation use. There are, to be sure, other areas within the region which do now or could, with appropriate development and promotion, receive substantial income from recreation-tourism. This pattern of outdoor recreation use points up the influence that the hot, frequently humid summer climate exerts on the inhabitants of the southern and central portion of the region in their choice of summer recreation locale. Water-oriented activities here are predominant, and rivers, lakes, and reservoirs receive heavy recreational use during the summer.

The historical beginnings of the West appear here. This is the country of the voyageurs, fur traders, and the pathfinders for westward expansion. The whole region is interlaced with interesting dates and places relating to the first adventurous trappers—the first white men—the beginnings of the Civil War, westward expansion, and Indian wars. This wealth of historical interest remains today as only a lightly tapped recreation resource.

Private enterprise in the recreation industry plays an important part in providing needed services to recreationists in this region. These services range in type from those aimed at transients to services for vacationers. Private development without regard for the public interest has, in some places, resulted in damage to the basic resource. In other cases, private





ARTHUR E. ANDERSON.

Water is the key to recreation throughout the North Central States. Recreation resources range from beach areas like Indiana Dunes State Park . . . To secluded streams like the Gasconade in Missouri, meriting protection as a free-flowing stream.



DON WOOLDRIDGE, MISSOURI CONSERVATION COMMISSION.



groups have exhibited no interest in developing what they consider to be only marginal recreation resources. This history of development has resulted in pockets of extremely heavy use of the best resources, to their detriment, and a dearth of development of less apparent resources. These latter areas could, with a minimum of capital expenditure, contribute materially toward the satisfaction of the need for additional outdoor recreation opportunity, frequently nearer to the people who need it than the more easily developed resources.

The automobile and the cartop or trailer boat are symbolic of the recreation-bent inhabitants of this region. Relatively rarely do trains or airplanes contribute to the conveyance of the recreationist to the facility.

Existing public park and recreation programs in the region vary in effectiveness from those just getting under way to those which are well established. In most of the States, insufficient attention has been given to the recreation needs of the inhabitants of the urban areas, and day-use and weekend facilities are inadequate.

In some cases, vacation facilities approach adequacy. One of the bases for provision of such facilities by public agencies has been to continue attracting an influx of vacationing people into the States for economic reasons.

A few broad conclusions can be drawn from all these interacting influences affecting recreation in the region. As population increases and the other factors contributing to increases in recreation demand continue to mount, there will be constantly growing needs for recreation facilities of all types in every locale. Additional facilities near urban concentrations are, of course, extremely important.

Several of the areas have abundant recreation resources that lend themselves to vacation use. Heavy use by vacationers already occurs in some areas,

while others are just recently beginning to feel this pressure. Preservation of the major attracting resources must be achieved in order that the motivating force for a refreshing outdoor experience can remain. Similarly, the preservation of outstanding natural and wilderness areas with very limited development is an important goal.

Reservoirs, both multiple purpose and those with recreation as the primary purpose, can contribute substantially to satisfying the need for water-oriented recreation in areas of the region where natural water bodies are insufficient. Where their construction is feasible and there is a deficit of water-oriented recreation opportunity near urban concentrations, artificial impoundments can be located near urban populations.

The wealth of historical interest throughout the region could be cataloged and evaluated, and information disseminated that would help to unify the multitude of occurrences, names, places, and dates into an understandable panorama of their significance in the development of the Nation. Interpretive devices, brochures, and historic routes can help the public understand, enjoy, and appreciate the courage and perseverance of those who preceded them. Protection through public ownership of the most outstanding areas would help toward preserving significant parts of Americana for coming generations.

The wide divergence in recreation needs within this region plus the fact that it contains major vacation resources of value to the Nation dictate the necessary types of conservation and recreation programs and the important roles served by both private and public recreation. The actions taken should be considered on a regional basis designed to meet the needs of the people of the Great Plains, the metropolitan areas, the Corn Belt, and the Northwoods. The regional needs have been considered in the individual State plans that follow.





**L**YING between Lake Michigan and the Mississippi River, Illinois is level prairie land except for the wooded hills in the southern portion.

The population increased 15.7 percent in the 1950-60 decade to 10,081,158. Projections indicate a population of 12,894,000 by 1976. Average density is about 180 persons per square mile, ranging from 11 in Pope County in the south to 5,377 in Cook County, which includes Chicago. Over 77 percent of the State residents live in eight metropolitan areas.

Recreation expenditures within the State were, \$858 million in 1959.

The generally flat to rolling prairie gives way to more interesting hill country in the south. Excepting Lake Michigan, the scarcity of large natural lakes increases the importance of rivers, streams, and reservoir impoundments. Pollution is a definite problem. The Mississippi flyway provides a source of recreation by bringing waterfowl over the State.

The hot, humid summers send many people out of the State for vacations. The Lake Michigan shoreline and the Chain of Lakes area, both located in the heavily populated northern region, offer recreation resources not yet fully developed. Illinois is rich in historic sites associated with Lincoln and has many sites illustrating prehistoric cultures, French exploration and settlement, and later events. Nine sites possess exceptional value in commemorating the history of the United States.

## EXISTING PUBLIC AREAS

**NATIONAL:** The Forest Service administers three developed recreation areas in one forest of 210,953 acres. The Bureau of Sport Fisheries and Wildlife

administers several small recreation areas and one major development on Crab Orchard Lake in the eight national wildlife refuges of 91,038 acres.

**STATE:** The Department of Conservation administers 93 parks, recreation areas, and memorials totaling 80,000 acres. The 1960 attendance was 8,378,571. It also administers 36,085 acres in nine game management areas and 10,999 acres in four forests.

**LOCAL:** Counties and cities administer 10 major nonurban parks and 1 historic monument totaling 50,544 acres.

**QUASI-PUBLIC AND PRIVATE:** Two nature preserves (287 acres) and three historic monuments are provided by quasi-public or private interests.

## PARK AND RELATED NEEDS

Protection of the few remaining natural recreation resources is of prime importance. Pollution of the streams needs to be corrected, especially since stream-sides offer an important source of recreation. Additional historical and archeological resources should be developed. The East St. Louis and Chicago areas and the population centers in the central farming region of the State are in need of more recreation areas. There is a need for additional county and metropolitan park enabling legislation.

Existing areas under State administration now provide 80,900 acres for 10,081,158 residents. Potential State areas identified in this plan total 96,762 acres. Acquisition and development of all of these



potential areas would still leave much unsatisfied need, which will increase by 1976.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. If the following recommendations are implemented by vigorous action by the agencies concerned, they may provide needed additional outdoor recreation opportunities.

STATE: Continuation of the State's present program of providing recreation facilities around manmade lakes. Three such areas are recommended, as well as major additions to seven existing areas. Fourteen other areas are suggested for further study.

Careful consideration of Corps of Engineers reservoirs in planning stages for their recreation potential. Scarcity of natural lakes except in the north emphasizes the importance of these reservoirs as a recreation resource.

Supporting recommendations include—

1. Expansion of the system of State parks to preserve the remaining areas worthy of such action.
2. A comprehensive survey of ecologic, archeologic, and historic sites looking toward adequate preservation and development of sites found to possess sound educational and inspirational values.
3. Additional county and metropolitan park enabling legislation, particularly in the areas of population concentration.
4. Development of the Great River Road, and studies of other potential scenic roads, parkways, foot trails, and canoe trails.
5. Consideration of Big Grand Pierre, Big, and Lusk Creeks for preservation as free-flowing streams; protection and proper development of other streams for recreation use, through either acquisition or flood-plain zoning.
6. Correction of the serious statewide stream pollution problem.
7. Development of a large-scale program of marina and boat-launching sites.



The Illinois-Mississippi Canal west of Wyanett.

ILLINOIS DEPARTMENT OF CONSERVATION.

See footnotes at end of table.



## ILLINOIS

ILLINOIS	Number on map	Acreage		Significant features										Type of use				Activities										
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Recreation areas—Continued																												
McLean County Conservation Area.....	53S	733	170	x				x				x			x	x			x	x	x	x	x	x		x		
Woodford County Conservation Area.....	55S	2,896	2,790	x											x				x	x		x	x	x	x			
Marshall County Conservation Area.....	56S	2,600	2,000	x								x			x	x			x	x	x	x	x	x	x			
Rice Lake Conservation Area.....	61S	2,617	2,200	x								x			x	x					x	x	x	x	x			
Argyle Lake State Park.....	64S	1,051	117	x								x			x	x			x	x	x	x	x	x	x		x	
Sanganois Conservation Area.....	73S	6,634	4,100		A	x						x			x						x	x	x	x	x			x
Anderson Lake Conservation Area.....	74S	2,006	1,086	x								x			x	x			x	x	x	x	x	x	x		x	
Weldon Springs State Park.....	78S	119	28	x				x				x			x				x	x	x	x	x	x	x		x	
Kickapoo State Park.....	83S	1,539	120	x		x		x				x			x	x		x	x	x	x	x	x	x	x		x	
Douglas County Conservation Area.....	84S	440	75	x								x			x	x			x	x	x	x	x	x	x		x	
Fox Ridge State Park.....	87S	736	18	x				x				x			x	x			x	x	x	x	x	x	x		x	
Ramsey Lake State Park.....	90S	815	50	x				x				x			x	x			x	x	x	x	x	x	x		x	
Beaver Dam Lake State Park.....	92S	425	59	x				x				x			x	x			x	x	x	x	x	x	x		x	
Grand Marais State Park.....	101S	1,125	213	x											x				x	x	x	x	x	x	x			
Monroe County Conservation Area (5).....	103S	153	S	x				x						x														
Washington County Conservation Area (5).....	104S	1,357	360	x				x				x			x	x			x	x	x	x	x	x	x		x	
Marion County Conservation Area (5).....	106S	1,806	580	x				x				x			x	x			x	x	x	x	x	x	x		x	
Wayne County Conservation Area.....	107S	940	195	x								x			x	x			x	x	x	x	x	x	x		x	
Jasper County Conservation Area (5).....	108S	297	S	x				x																				
Crawford County Conservation Area (5).....	109S	236	S	x				x																				
Hamilton County Conservation Area (5).....	112S	480	85	x								x			x	x			x	x	x	x		x		x		
Saline County Conservation Area.....	115S	524	85	x				x				x	x		x	x			x	x	x	x	x	x	x		x	
Massac-Pope County Conservation Area.....	122S	257	200	x											x				x	x		x	x	x	x			
Mermet Lake Conservation Area.....	124S	2,461	500	x											x				x	x		x	x	x	x			
Horseshoe Lake Conservation Area.....	129S	8,678	2,400	x				x				x			x	x	x	x	x	x	x	x	x	x	x		x	
Lake Murphysboro State Park.....	130S	904	166	x								x			x	x			x	x	x	x	x	x	x		x	
Randolph County Conservation Area.....	131S	684	100	x											x				x	x		x	x	x				
Monuments: Historic:																												
Old Marnet House State Memorial.....	1S												x		x													
U.S. Grant Home State Memorial (4).....	2S	5											x		x													
Lincoln Monument State Memorial.....	18S												x		x													
Prophetstown State Park.....	25S	53											x		x				x	x	x							
Bishop Hill State Memorial.....	35S	4											x		x													
Norwegian Settlers State Memorial.....	42S												x		x													
Douglas Tomb State Memorial.....	50S	2											x		x													
Metamora Court House State Memorial.....	54S												x		x													
Jubilee College State Memorial.....	57S	96											x		x				x	x								
Fort Creve Coeur State Park.....	59S	86											x		x				x	x								
Dickson Mounds State Memorial.....	63S	63											x		x		x	x	x	x	x							
Nauvoo State Park (4).....	65S	143				x							x		x				x	x	x				x			
Fort Edwards State Memorial.....	66S	3				x							x		x				x	x		x			x			
Lincoln's New Salem State Park.....	75S	328											x		x													
Mount Pulaski State Memorial.....	77S	1											x		x													
Lincoln Trail Homestead State Park.....	79S	70				x							x		x				x	x					x			
Moore Home State Memorial.....	85S	2											x		x													
Lincoln Log Cabin State Park.....	86S	86											x		x				x	x	x	x						
Vandalia State House State Memorial.....	91S	2											x		x													
Lovejoy Monument State Memorial.....	99S												x		x													
Cohokia Mounds State Park.....	100S	159											x		x				x	x	x						x	
Cohokia Court House State Memorial.....	102S	2											x		x													
Lincoln Trail State Park.....	110S	925	158	x									x		x				x	x	x	x			x		x	
Shawneetown State Memorial.....	114S	41											x		x													
Fort Kaskaskia State Park.....	132S	233				x							x		x	x			x	x	x				x			

See footnotes at end of table.

## ILLINOIS

ILLINOIS	Number on map	Acreage		Significant features									Type of use				Activities											
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Monuments: Historic—Continued																												
Pierre Menard Home State Memorial.....	133S	1										x		x														
Kaskaskia State Memorial.....	134S											x		x														
Fort Chartres State Park (4).....	135S	20				x						x		x				x	x									
MAJOR LOCAL																												
Parks:																												
Rockford City Park.....	5L	1,393				x		x				x		x				x	x	x	x	x	x			x		
Cook County Forest Preserve.....	12L	40,985				x		x				x		x				x	x	x	x	x	x			x		
Recreation areas:																												
Rockford City Park.....	6L	1,078												x				x	x		x	x						
DuPage County Park.....	13L	1,500												x				x	x		x	x						
Geneva City Park.....	15L	551												x				x	x		x	x						
Rock Island City Park.....	27L	2,070												x				x	x		x	x						
Joliet City Park.....	49L	939												x				x	x		x	x						
Peoria City Park.....	58L	1,147												x				x	x		x	x						
Decatur City Park.....	81L	384												x				x	x		x	x						
Springfield City Park.....	89L	497												x				x	x		x	x						
Monument: Historic: Chicago Portage (6).....	139L	91																										
MAJOR QUASI-PUBLIC AND PRIVATE																												
Monuments: Historic:																												
“Old Main,” Knox College.....	136P												x	x		x	x											
Marshall Field House.....	137P												x	x		x	x											
Hull House.....	138P												x	x		x	x											
Nature preserves:																												
Volvo and Wauconda Bogs Nature Preserve....	10P	107						x				x		x				x	x							x		
Rocky Branch Nature Preserve.....	76P	180						x						x				x	x							x		
POTENTIAL AREAS																												
STATE																												
Recreation areas:																												
Mississippi River Navigation Pool No. 12 (3)....	20S	4,050	L		x									x	x			x	x	x	x	x	x					
Mississippi River Navigation Pool No. 13 (3)....	22S	8,605	L		x									x	x	x		x	x	x	x	x	x					
Mississippi River Navigation Pool No. 14 (3)....	26S	5,000	L		x									x	x		x	x	x	x	x	x	x					
Mississippi River Navigation Pool No. 16 (3)....	29S	3,875	L		x									x	x			x	x	x	x	x	x					
Mississippi River Navigation Pool No. 17 (3)....	30S	7,306	M		x									x	x			x	x	x	x		x					
Mississippi River Navigation Pool No. 18 (3)....	32S	7,430	L		x									x	x			x	x	x	x		x					
Illinois-Mississippi Canal and Lake Sinnissippi..	37S	6,221	3,421	A																								
Mississippi River Navigation Pool No. 20 (3)....	67S	167	M		x									x				x	x		x		x					
Mississippi River Navigation Pool No. 21 (3)....	70S	7,235	M		x									x	x			x	x	x	x		x					
Mississippi River Navigation Pool No. 22 (3)....	71S	5,382	M		x									x	x			x	x	x	x		x					
Oakley Reservoir (3).....	80S	1,000	4,200		x									x				x	x	x	x	x	x					
Shelbyville Reservoir.....	88S	15,000	11,500		x									x	x			x	x	x	x	x	x					
Mississippi River Navigation Pool No. 24 (3)....	93S	706	M		x									x				x	x		x		x					
Mississippi River Navigation Pool No. 25 (3)....	96S	1,398	M		x									x	x			x	x	x	x		x					
Mississippi River Navigation Pool No. 26 (3)....	98S	5,087	M		x									x	x			x	x	x	x		x					
Carlyle Reservoir (3).....	105S	1,500	M		x									x				x	x	x	x	x	x					
Rend Lake Reservoir.....	113S	16,800	L		x									x	x	x		x	x	x	x	x	x	x	x	x		
Scenic road: Great River Road.....	21S	557 mi.			x								x	x	x	x	x	x	x	x	x	x						

See footnotes at end of table.



ILLINOIS	Number on map	Acreage		Significant features								Type of use		Activities														
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Free-flowing streams:																												
Big Creek.....	117S	25 mi.				x		x							x	x					x	x	x	x			x	
Big Grand Pierre.....	118S	20 mi.				x		x							x	x					x	x	x	x			x	
Lusk Creek.....	119S	35 mi.				x		x							x	x					x	x	x	x			x	

- (1) Where acreage not shown:  
  "S" indicates water surface under 500 acres.  
  "M" indicates water surface of 500 to 10,000 acres.  
  "L" indicates water surface of over 10,000 acres.
- (2) An "A" indicates all or major portions of water surface acreage is adjacent to area.
- (3) Suggested area—qualifications not wholly determined. Further study required.
- (4) Eligible for Registered National Historic Landmark status.
- (5) Major additions recommended.
- (6) National historic site in non-Federal ownership.



Alton Bluffs would provide a rock-ribbed scenic backdrop for one Illinois section of the proposed Great River Road.







# INDIANA

INDIANA lies in the heart of the east-central section of the country between Lake Michigan and the Ohio River.

The State's 18.5-percent increase in population from 1950 to 4,662,498 in 1960 amounted to the same rate of growth as that of the United States. Sixty-two percent of the population was urban, and the density averaged 129 per square mile, ranging from 22 in Brown County in the south-central section to 1,735 in Marion County, which includes Indianapolis.

A 1958 survey estimated Indiana's income from recreation to be \$273 million.

Rolling topography in the north and central portions, permitting intensive farming, gives way to rugged timber-clad terrain in the south. Lake Michigan and 600 inland lakes in the north, together with the Ohio River in the south, are important natural assets. The absence of natural lakes in the central and southern portions lends added importance to rivers, streams, and water impoundments, particularly those near urban centers. Climatically, there are wide temperature ranges between seasons. Indiana has a number of significant historic sites ranging from early development of the Old Northwest to the later political, cultural, and economic development of the State. Grouseland in Vincennes, the Nancy Hanks Lincoln State Memorial, and Tippecanoe Battlefield possess exceptional value in commemorating the history of the United States.

## EXISTING PUBLIC AREAS

**NATIONAL:** The Forest Service administers one national forest of 125,000 acres in which there is one developed recreation area.

**STATE:** The Division of State Parks administers 21 parks and recreation areas totaling 52,703 acres and 13 memorials on 703 acres. The total 1960 attendance was 2,864,311. The Division of Fish and Game operates 10 game management areas on 39,268 acres, and 50 fishing access sites, of which 5 are developed recreation areas. The Division of Forestry administers 14 forests of approximately 120,000 acres, in which there are 13 developed recreation areas totaling 10,000 acres. The Highway Department operates 92 way-side recreation areas, and 40 additional areas are planned.

**LOCAL:** Five nonurban metropolitan and county parks total 721 acres.

**QUASI-PUBLIC AND PRIVATE:** There are three historic monuments, and one nature preserve, of 592 acres.

**PRIVATE ENTERPRISE:** Privately owned hunting areas, campgrounds, and boat-storage areas are increasing in importance. Facilities and services such as cabins and boat rentals provided on many of the northern lakes are also privately owned.

## PARK AND RELATED NEEDS

Protection of remaining natural features is of prime importance. A major problem is relating areas to the urban populations in the central and northern portions of the State, where the need is most urgent. Additional weekend and vacation opportunities are needed, and lands suitable for such development can be found in the southern part of





The Nancy Hanks Memorial, part of the Lincoln Boyhood National Memorial recently established.

the State. The attractive rural scenery along many existing highways should be protected and preserved through a system of recreation roads and scenic easements. Legislation should be enacted to prevent further despoliation of prehistoric sites.

Existing areas under State administration provide 64,018 acres, and local nonurban parks and recreation areas provide an additional 721 acres. Potential State areas identified in this plan total 62,819 acres. Even if all of these potential areas were acquired and developed, additional recreation areas would be needed by 1976.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. If the following recommendations are implemented by vigorous action on the part of the agencies concerned, they can help provide needed outdoor recreation opportunities for public enjoyment and use.

**NATIONAL:** Establishment of Indiana Dunes National Lakeshore.

**STATE:** Expansion of the State park system to preserve the remaining natural areas worthy of such

action. Two parks are suggested for further study.

Designing of Corps of Engineers reservoirs, where feasible, to give the highest recreation potential and to provide additional recreation opportunities at the State level. Five such State recreation areas are recommended and one is suggested for further study.

Development of parkways and designation and protection of scenic roads. One parkway is recommended and another is suggested for further study.

Consideration of preserving portions of rivers as free-flowing streams. Segments of 10 rivers are suggested for initial study.

Supporting recommendations include—

1. Initiation of studies to locate potential artificial water impoundments and other recreation sites in the vicinity of urban areas.
2. Development of 130 roadside park sites.
3. Restudy of enabling legislation applicable to metropolitan and county park systems to encourage more adequate development of such systems.
4. A comprehensive survey of archeological and historic sites should be undertaken within the State with a view to preservation and development of those found to possess sound educational and inspirational values.
5. Inclusion of systems of canoe trails and hiking trails in a well-rounded park and recreation program.

INDIANA	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Forest: Hoosier National Forest.....	48N	125,000						x				x			x	x		x	x	x	x	x	x	x	x	x		
STATE																												
Parks:																												
Indiana Dunes State Park (7).....	2S	2,182					x	x					x				x	x	x	x	x	x	x		x			
Pokagon State Park.....	8S	956	M	A										x	x		x	x	x	x	x	x		x	x	x		
Chain O'Lakes State Park (7).....	10S	1,414	186	x										x	x		x	x	x	x	x	x	x		x			
Tippecanoe River State Park.....	21S	2,744				x									x	x		x	x	x	x	x	x					
Kankakee River State Park.....	22S	1,794				x									x	x		x	x	x	x		x		x			
Turkey Run State Park (7).....	25S	1,521				x		x						x	x	x		x	x	x	x		x		x			
Shades State Park.....	29S	1,977				x		x						x	x			x	x	x			x		x			
Mounds State Park.....	32S	254				x		x				x		x			x	x	x	x			x					
Whitewater State Park.....	35S	1,515	195		x			x						x	x		x	x	x	x	x	x		x		x		
Versailles State Park.....	40S	5,813	230	x										x	x		x	x	x	x	x	x	x					
Clifty Falls State Park.....	42S	668				x		x							x	x		x	x	x	x	x	x			x		
Brown County State Park.....	47S	15,332	30	x				x							x	x		x	x	x	x	x	x		x			
McCormick's Creek State Park.....	53S	1,225				x		x						x	x	x		x	x	x	x	x		x		x		
Lieber State Park.....	56S	7,905	1,500		x										x	x		x	x	x	x	x	x		x			
Spring Mill State Park (7).....	63S	1,210	28	x				x					x	x	x	x		x	x	x	x	x	x		x			
Lincoln State Park.....	72S	1,540	85	x				x					x		x	x		x	x	x	x	x	x		x			
Recreation areas:																												
Raccoon Lake State Recreation Area (7).....	28S	2,879	2,100		A										x			x	x	x	x	x	x					
Muscatatuck State Park.....	43S	261				x									x				x	x				x				
Shakamak State Park.....	57S	1,016	87		x										x			x	x	x	x	x	x					
Scales Lake State Beach.....	74S	477	73	x											x				x	x	x	x	x					
Monuments: Historic:																												
Gene Stratton Porter State Memorial.....	9S	14	S	A									x		x													
Limberlost State Memorial.....	12S	1												x		x												
Tippecanoe Battlefield State Memorial (3).....	23S	17													x		x											
Wilbur Wright State Memorial.....	34S	5													x		x											
Whitewater Canal State Memorial.....	38S														x		x											
James F. D. Lanier State Memorial.....	41S	4													x		x											
T. C. Steele State Memorial.....	49S	211													x		x											
Indiana Territory State Memorial.....	59S	2													x		x											
George Rogers Clark State Memorial.....	60S	16				x									x		x											
Pigeon Roost State Memorial.....	64S	5													x		x											
Corydon Capitol State Memorial.....	67S														x		x											
Angel Mounds State Memorial.....	75S	421													x		x											
New Harmony State Memorial.....	77S	7				x									x		x											
Beach: Bass Lake State Beach.....	20S	20	M	A											x			x	x	x	x	x						
Forests:																												
Wells State Forest.....	13S	5,652						x				x			x				x	x								
Salamonie River State Forest.....	15S	805		x				x				x			x	x	x	x	x	x	x	x	x	x	x			
Frances Slocum State Forest.....	17S	1,087				x		x				x			x			x	x	x	x	x	x	x	x	x		
Selmier State Forest.....	44S	352						x				x			x				x	x					x			
Jackson State Forest.....	46S	9,605		x		x		x				x			x	x	x	x	x	x	x	x	x	x	x	x		
Yellowwood State Forest.....	50S	21,563	160	x		x		x				x			x	x	x	x	x	x	x	x	x	x	x	x		
Morgan-Monroe State Forest.....	51S	21,436	26	x		x		x				x			x	x	x	x	x	x	x	x	x	x	x	x		
Owen-Putnam State Forest.....	54S	3,778				x		x				x			x			x	x	x	x				x			
Greene-Sullivan State Forest.....	58S	3,757		x		x		x				x			x	x	x	x	x	x	x	x	x	x	x	x		
Martin State Forest.....	62S	3,579				x		x				x			x	x	x	x	x	x	x		x	x	x	x		
Clark State Forest.....	65S	19,086	45	x		x		x				x			x	x	x	x	x	x	x	x	x	x	x	x		

See footnotes at end of table.



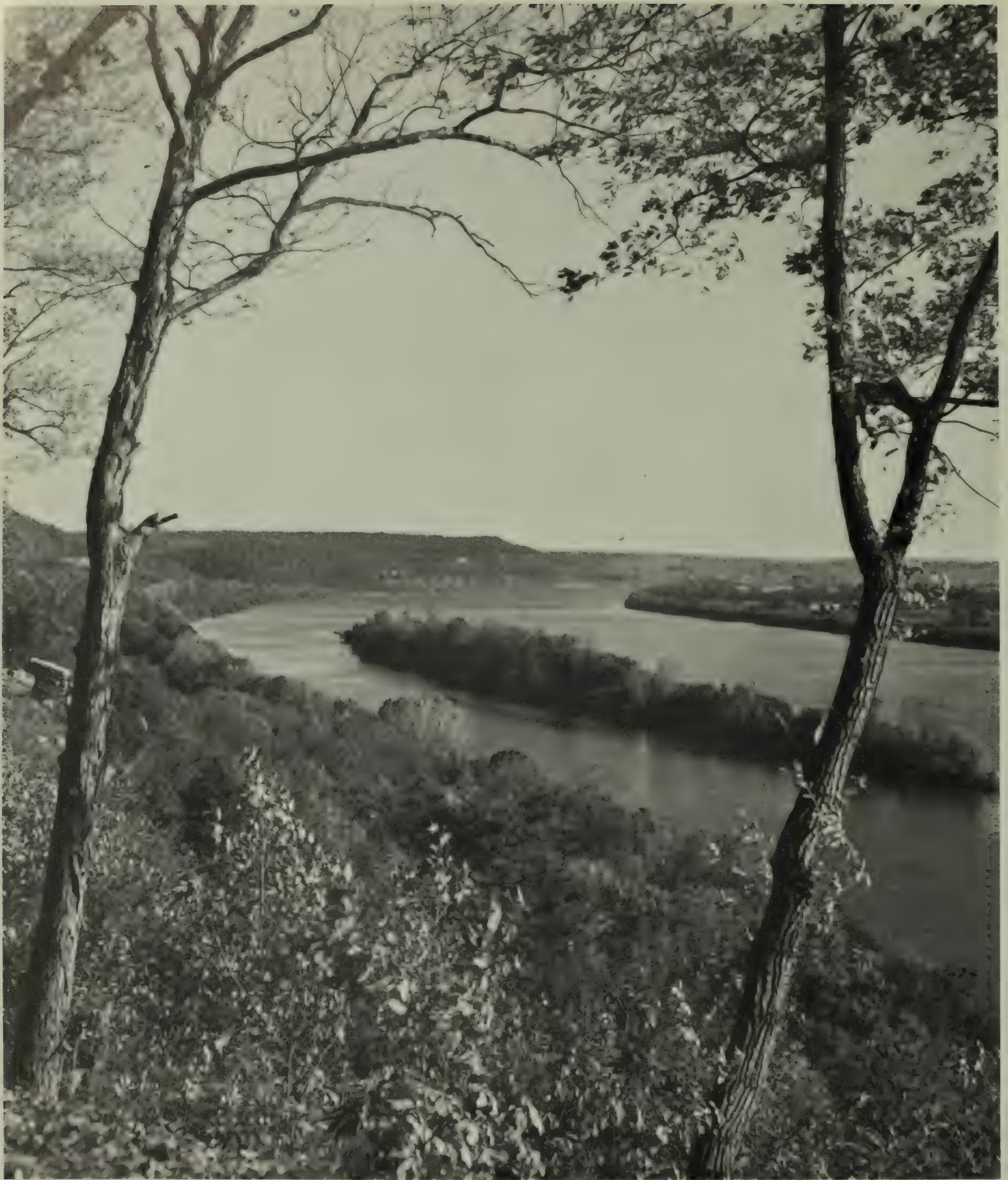
INDIANA	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Forests—Continued																												
Harrison State Forest.....	68S	19,798				x		x				x			x	x		x	x	x	x		x	x	x	x	x	
Ferdinand State Forest.....	70S	6,675		x		x		x				x			x	x		x	x	x	x	x	x	x	x	x	x	
Pike State Forest.....	73S	2,827				x		x				x			x	x		x	x	x	x		x	x	x	x	x	
MAJOR LOCAL																												
Recreation areas:																												
South Bend City Park.....	3L	50													x				x	x		x	x	x				
Fort Wayne City Park.....	11L	169													x				x	x		x	x	x				
Indianapolis City Park.....	31L	249													x				x	x		x	x	x				
Henry County Park.....	33L	200													x				x	x		x	x	x				
Evansville City Park.....	76L	53													x				x	x		x	x	x				
MAJOR QUASI-PUBLIC AND PRIVATE																												
Monuments: Historic:																												
Bailey Homestead Site.....	78P											x			x		x	x										
“Grouseland”.....	79P											x			x		x	x										
James Whitcomb Riley House.....	80P											x			x		x	x										
Nature Preserve: Pine Hills Preserve (7).....	30P	592						x						x	x											x		
POTENTIAL AREAS																												
NATIONAL																												
Lakeshore: Indiana Dunes.....	1N	9,000	L	A										x													x	
Monument: Historic: Lincoln Boyhood (4).....	71N	200											x		x		x	x										
STATE																												
Parks:																												
Pigeon River (5).....	5S	5,000				x						x			x	x		x	x	x	x	x		x		x		
Fawn River (5).....	6S	2,000				x						x			x			x	x	x	x	x		x		x		
Recreation areas:																												
Mississinewa River Reservoir.....	16S	3,083	1,300		x										x	x			x	x	x	x	x	x		x		
Salamonie River Reservoir.....	14S	5,850	2,800		x										x	x			x	x	x	x	x	x		x		
Brookville Reservoir.....	36S	1,000	3,810	A											x				x	x	x	x	x	x				
Monroe Reservoir.....	52S	12,886	10,750		x										x				x	x	x	x	x	x				
East Fork White River Reservoir (5).....	61S	30,000	M		x										x	x	x		x	x	x	x	x	x				
Crawford County Reservoir.....	69S	3,000	1,000		x							x			x	x			x	x	x	x	x	x	x	x		
Parkways:																												
Sugar Creek Parkway.....	27S	20 mi.				x									x				x	x								
Ohio River Parkway (5).....	39S	255 mi.				x									x	x			x	x	x	x		x				
Free-flowing streams:																												
St. Joseph River.....	4S	20 mi.				x									x	x			x		x	x		x		x		
Pigeon River.....	7S	40 mi.				x									x	x			x		x	x		x		x		
Eel River.....	18S	35 mi.				x									x	x			x		x	x		x		x		
Tippecanoe River.....	19S	100 mi.				x									x	x			x		x	x		x		x		
Wabash River (6).....	24S	270 mi.				x									x	x			x		x	x		x		x		
Sugar Creek.....	26S	30 mi.				x									x	x			x		x	x		x		x		
Whitewater River.....	37S	45 mi.				x									x	x			x		x	x		x		x		
East Fork Muscatatuk River.....	45S	175 mi.				x									x	x			x		x	x		x		x		

See footnotes at end of table.

INDIANA	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Free-flowing streams—Continued																												
White River.....	55S	130 mi.	.....	.....	.....	x	.....	.....	.....	.....	.....	.....	.....	.....	x	x	.....	.....	x	.....	x	x	.....	x	.....	x	.....	.....
Blue River.....	66S	25 mi.	.....	.....	.....	x	.....	.....	.....	.....	.....	.....	.....	.....	x	x	.....	.....	x	.....	x	x	.....	x	.....	x	.....	.....

- (7) Where acreage not shown:  
  “S” indicates water surface under 500 acres.  
  “M” indicates water surface of 500 to 10,000 acres.  
  “L” indicates water surface over 10,000 acres.
- (2) An “A” indicates all or major portions of water surface acreage is adjacent to area.
- (3) Eligible for Registered National Historic Landmark status.
- (4) Area formerly under State ownership—established as national memorial in 1963.
- (5) Suggested area—qualifications not wholly determined. Further study required.
- (6) 2 separate sections of the river.
- (7) Major additions recommended.

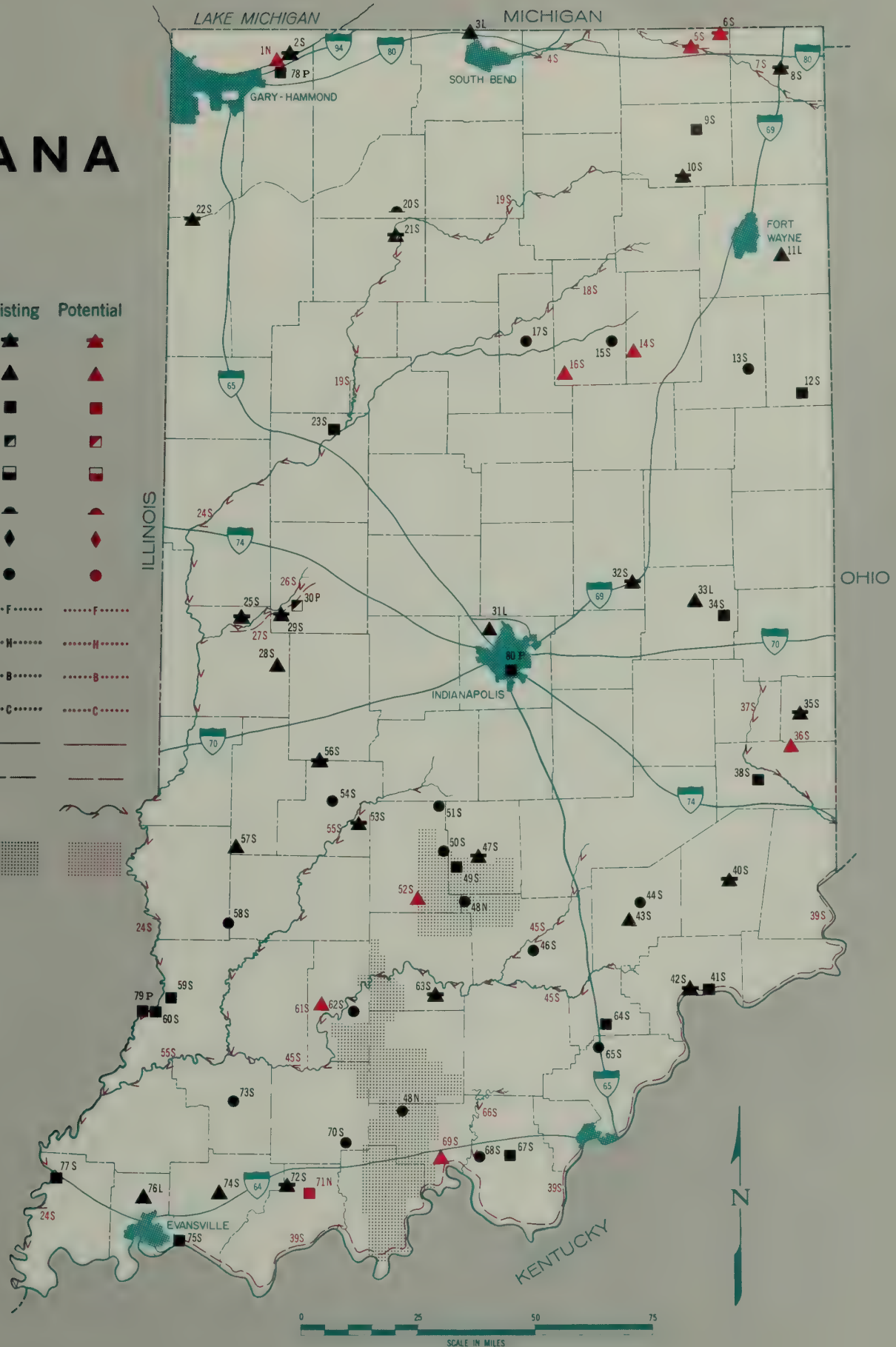




An Ohio River Parkway is among suggested park and recreation projects for Indiana that merit further study. The scenic values of the river make it an important recreation resource.

# INDIANA

	Existing	Potential
Park	★	★
Recreation Area ,Etc.	▲	▲
Monument	■	■
Nature Preserve	▣	▣
Wilderness	▤	▤
Beach	◐	◐
Wildlife Area	◆	◆
Forest	●	●
Foot Trail	.....F.....	.....F.....
Horse Trail	.....H.....	.....H.....
Bicycle Trail	.....B.....	.....B.....
Canoe Trail	.....C.....	.....C.....
Parkway	———	———
Scenic Route	- - - - -	- - - - -
Free-flowing Stream	~~~~~	~~~~~
NATIONAL FOREST	▨	▨







**L**OCATED between the Mississippi River on the east and the Missouri and Big Sioux Rivers on the west, Iowa is predominantly level to rolling farmland broken by bluffs along rivers in the northeast and southwest.

The 1960 population was 2,727,537, an increase of 5.2 percent over 1950. Projections indicate an increase to 3,266,000 by 1976. The population is distributed rather evenly over the State, with 53 percent residing in urban areas. There are 7 cities having more than 50,000 population. The average density is 49 per square mile.

River valleys in the northeast part of the State are bordered by deeply eroded and wooded limestone bluffs. Along the western border are loess hills. Wooded valleys of the Mississippi and Missouri Rivers add attractiveness. The few natural lakes are found in the northwest and are supplemented by existing or proposed reservoir impoundments. Historic and archeological sites reveal vanished Indian cultures as well as more recent history. The Sergeant Floyd monument and Grenville N. Dodge House possess exceptional value in commemorating the history of the United States and are eligible for Registered National Historic Landmark status.

### EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers 1 national monument of 1,382 acres, which had an attendance of 60,000 in 1960. The Corps of Engineers operates one reservoir of 3,800 acres. The Forest Service operates between 3,000 and 4,000 acres of

land-utilization projects. The Bureau of Sport Fisheries and Wildlife administers four wildlife refuges of 64,965 acres.

**STATE:** The State Conservation Commission, Lands and Water Division, administers 87 parks, recreation areas, monuments, preserves, and beaches with a total of 29,298 acres. The 1960 attendance was 6,851,847. They also administer 12,512 acres of forests. The Fish and Game Division manages 173 hunting and fishing areas totaling 55,126 acres. The Highway Commission has 138 roadside parks.

**LOCAL:** County conservation boards operate 226 park and recreation areas totaling 12,421 acres.

### PARK AND RELATED NEEDS

Emphasis needs to be placed on enlargement of existing parks; on acquisition and interpretation of historic and archeologic sites; on preservation of free-flowing streams of high scenic and natural value; and on utilizing more fully the recreation potential of the Mississippi and Missouri Rivers.

Existing State-administered recreation areas provide 29,298 acres, which are inadequate to meet the needs of the  $2\frac{3}{4}$  million residents. Local areas provide an additional 12,421 acres. Potential areas of State significance identified in this plan total 20,463 acres, and locally significant areas amount to 8,520 acres. Even if all these potential acres were acquired and developed, they would not meet the requirements of the population by 1976.





Grenville M. Dodge, one of the world's great railroad builders, lived in this fine example of Victorian architecture. The house, in Council Bluffs, Iowa, deserves consideration as a State historic monument.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. If the following recommendations are implemented by vigorous action on the part of the agencies concerned, it is believed that they can help substantially to provide needed outdoor recreation opportunities for public enjoyment and use.

**STATE:** Enlargement of the State park system to protect valuable resources by major additions to 19 existing areas and minor additions to 13 areas, plus acquisition of 2 parks, 3 monuments, and 2 nature preserves. Suggested for additional study are two parks and five monuments. Also establishment of

three recreation areas and consideration of one additional area.

Designation and control of a system of canoe trails. Nine routes are suggested for initial study.

Preservation of the Upper Iowa and Yellow Rivers as free-flowing streams in their natural condition and further study to portions of two other rivers.

Development of the Great River Road and consideration of two other scenic roads.

**LOCAL:** Establishment of five parks and natural areas of local significance, which will preserve natural resources. Five additional parks and natural areas are suggested for further study. Also establishment of three recreation areas to meet recreation needs.

Supporting recommendations include—

1. Institution of a program of interpretation and other methods which will increase enjoyment of the parks by the users.
2. Study of the possibilities for horse, foot, and bicycle trails.
3. Development of plans, coordinated with adjoining States, to recognize the special opportunity provided by the Mississippi and Missouri Rivers as waterways for public enjoyment, including acquisition of areas and other access points, zoning or other controls, and related matters such as pollution abatement.
4. Consideration of various possibilities for interpreting and recognizing the Lewis and Clark, Mormon, and other important historic trails, and a program of informational historic markers.
5. Institution of a program of further development of existing waysides and addition of new waysides.
6. Provision of more land and developments on existing and proposed Federal reservoirs.

IOWA	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Recreation area: Coralville Reservoir . . . . .	83N	3, 800	1, 000	x			x							x			x	x	x			x	x	x				
Monument: Historic: Effigy Mounds National Monument . . . . .	58N	1, 476				x	x					x	x	x			x		x							x		
Wildlife areas:																												
Union Slough National Wildlife Refuge . . . . .	28N	2, 075										x			x										x			
Upper Mississippi River Wildlife and Fish Refuge . . . . .	74N	50, 707				x						x			x			x	x			x		x	x			
DeSoto National Wildlife Refuge (Iowa portion) . . . . .	139N	1, 855	1, 000	x	x							x			x			x	x	x		x	x	x	x			
Mark Twain National Wildlife Refuge . . . . .	169N	10, 328				x						x			x				x	x		x		x	x			
STATE																												
Parks:																												
Ambrose A. Call State Park . . . . .	27S	130				x		x						x			x	x	x	x							x	
Pilot Knob State Park (4) . . . . .	33S	369	5	x				x				x	x	x	x			x	x	x	x					x		
McGregor Heights State Park . . . . .	59S	211				x		x						x	x				x							x		
Point Ann State Park . . . . .	59S	152				x		x					x	x	x				x							x		
Pikes Peak State Park (4) . . . . .	59S	141				x		x					x	x	x				x	x	x	x				x		
Brush Creek Canyon State Park . . . . .	66S	217						x						x	x				x	x						x		
Backbone State Park (4) . . . . .	67S	1, 411	125	x	x			x				x		x	x	x			x	x	x	x	x	x	x	x		
Bellevue State Park . . . . .	75S	148						x					x	x	x				x	x	x	x				x		
Wildcat Den State Park (4) . . . . .	80S	321						x				x	x	x	x				x	x	x	x				x		
Palisades Kepler State Park (4) . . . . .	85S	688				x		x				x	x	x	x				x	x	x	x	x			x		
Wapsipinicon State Park (4) . . . . .	89S	248				x		x						x	x				x	x	x	x	x			x		
Heery Woods State Park . . . . .	98S	380				x		x				x		x	x				x	x		x				x		
Ledges State Park . . . . .	113S	860				x		x				x		x	x				x	x	x	x	x	x	x	x		
Dolliver Memorial State Park (4) . . . . .	118S	612				x		x				x	x	x	x				x	x	x	x	x	x	x	x		
Springbrook State Park . . . . .	128S	681	27	x		x		x				x		x	x	x				x	x	x	x	x	x	x		
Stone State Park (4) . . . . .	133S	866				x		x	x			x		x	x				x	x	x	x				x		
Waubonsie State Park (4) . . . . .	144S	816						x	x			x	x	x	x				x	x	x	x				x		
Pammel State Park . . . . .	151S	281				x		x					x	x	x				x	x	x					x		
Nine Eagles State Park . . . . .	159S	1, 026	55	x				x				x		x	x				x	x	x	x	x	x	x	x		
Geode State Park (4) . . . . .	170S	1, 574	205	x				x				x		x	x				x	x	x	x	x	x	x	x		
Lacey-Keosauqua State Park . . . . .	174S	1, 654	30	x	x			x				x	x		x	x				x	x	x		x	x	x		
Recreation areas:																												
Mill Creek State Park . . . . .	4S	158	25	x										x					x			x	x	x				
Storm Lake State Park . . . . .	9S	56	3, 000	A										x					x	x		x	x	x	x			
Rush Lake State Park . . . . .	15S	62	460	A										x					x	x		x		x				
Trappers Bay State Park . . . . .	20S	57	1, 000	A									x		x					x			x	x	x			
Mini-Wakan State Park . . . . .	21S	20	5, 500	A										x						x			x	x	x			
Lost Island State Park . . . . .	24S	32	1, 200	A										x						x			x	x	x			
Kearny State Park . . . . .	25S	45	945	A										x					x	x			x		x			
Okamanpedan State Park . . . . .	26S	19	981	A									x		x					x			x	x	x			
Eagle Lake State Park . . . . .	30S	21	906	A										x						x				x				
Rice Lake State Park . . . . .	32S	47	612	A										x					x	x			x	x	x			
McIntosh Woods State Park . . . . .	34S	60	3, 643	A				x						x					x	x	x	x	x	x	x	x		
Pioneer State Park . . . . .	39S	14				x								x						x					x			
Lake McBride State Park . . . . .	84S	1, 200	950	x				x					x		x				x	x	x	x	x	x	x			
George Wyth Memorial State Park . . . . .	96S	544				x		x					x		x				x	x	x		x		x			
Beeds Lake State Park . . . . .	101S	291	130	x				x						x					x	x			x	x	x			
Pine Lake State Park . . . . .	104S	548	137	x				x						x	x					x	x			x	x	x		
Union Grove State Park . . . . .	108S	280	152	x										x						x				x	x	x		
Rock Creek State Park (4) . . . . .	109S	1, 220	640	x				x					x		x				x	x	x	x	x	x	x			
Spring Lake State Park . . . . .	126S	240	49	x										x					x				x	x	x			

See footnotes at end of table.



IOWA	Number on map	Acreage		Significant features										Type of use				Activities										
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Recreation areas—Continued																												
Black Hawk Lake State Park . . . . .	130S	267	960	A	.	.	.	.	.	.	.	.	.	.	x	.	.	x	x	.	x	x	x	x	.	.	.	.
Brown's Lake State Park . . . . .	134S	17	840	A	.	.	.	.	.	.	.	.	.	.	x	.	.	.	x	.	.	x	x	x	.	.	.	.
Lewis and Clark Lake State Park . . . . .	135S	286	918	A	.	.	.	.	.	.	.	.	x	.	x	.	.	x	x	x	x	x	x	x	.	.	.	.
Prairie Rose State Park . . . . .	138S	678	150	.	x	.	.	.	.	.	.	.	x	.	x	.	.	.	x	.	x	x	x	x	.	.	.	.
Lake Manawa State Park . . . . .	142S	319	660	A	.	.	.	.	.	.	.	.	x	.	x	.	.	x	x	.	.	x	x	x	.	.	.	.
Lake of Three Fires State Park . . . . .	146S	386	125	.	x	.	.	x	.	.	.	.	x	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
Viking State Park . . . . .	147S	950	150	.	x	.	.	x	.	.	.	.	.	.	x	.	.	x	x	x	x	x	x	x	.	.	.	.
Cold Spring State Park . . . . .	148S	104	10	.	x	.	.	.	.	.	.	.	.	.	x	.	.	.	x	.	.	.	.	x	x	.	.	.
Green Valley Lake State Park . . . . .	149S	988	390	.	x	.	.	.	.	.	.	.	.	.	x	.	.	x	x	.	.	x	x	x	.	.	.	.
Walnut Woods State Park . . . . .	153S	260	.	.	.	x	.	x	.	.	.	.	.	.	x	.	.	.	x	x	x	.	.	.	x	.	x	.
Lake Ahquabi State Park . . . . .	156S	771	130	.	x	.	.	x	.	.	.	.	.	.	x	.	.	x	x	x	x	x	x	x	.	x	.	.
Red Haw Lake State Park . . . . .	158S	420	72	.	x	.	.	x	.	.	.	.	.	.	x	.	.	x	x	x	x	x	x	x	.	.	.	.
Allerton Reservoir State Park . . . . .	160S	364	106	.	x	.	.	.	.	.	.	.	.	.	x	.	.	.	x	.	.	x	x	x	.	.	.	.
Lake Wapello State Park . . . . .	162S	1,143	287	.	x	.	.	x	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
Lake Keomah State Park . . . . .	163S	366	82	.	x	.	.	x	.	.	.	.	.	.	x	.	.	.	x	x	x	x	x	x	.	.	.	.
Lake Darling State Park . . . . .	167S	1,418	400	.	x	.	.	x	.	.	.	x	.	.	x	.	.	.	x	.	.	x	x	x	x	.	.	.
Monuments:																												
Scientific:																												
Gitche Manitou State Preserve . . . . .	1S	91	.	.	.	x	.	.	x	.	.	.	.	.	x	x	.	.	.	.	x	x	.	.	x	.	x	.
Echo Valley State Park . . . . .	65S	101	12	.	x	.	.	x	.	.	.	.	.	.	x	x	.	.	.	.	x	x	.	.	x	.	x	.
Maquoketa Caves State Park (4) . . . . .	76S	111	.	.	.	.	.	x	.	.	.	.	.	.	x	x	x	.	.	x	x	x	.	.	.	x	.	
Historic:																												
Indian Village State Preserve . . . . .	13S	5	.	.	.	.	.	.	.	.	.	.	.	.	x	.	.	.	.	.	.	.	.	.	.	.	.	.
A. Gardner Sharp Cabin and Pillsbury Point State Preserve . . . . .	17S	8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Fort Defiance State Park . . . . .	23S	181	.	.	.	.	.	x	.	.	.	.	.	.	x	.	.	.	x	.	.	x	x	x	.	.	x	.
Fort Atkinson State Park (4) . . . . .	47S	5	.	.	.	.	.	.	.	.	.	.	.	.	x	x	.	.	.	.	x	.	.	.	.	.	.	.
Fish Farm Mounds State Preserve . . . . .	52S	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Turkey River Mounds State Preserve (4) . . . . .	71S	38	.	.	.	.	.	x	.	.	.	.	.	.	x	x	.	.	.	.	x	.	.	.	.	.	.	.
Plum Grove State Preserve . . . . .	81S	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lennon Mill State Park . . . . .	127S	21	.	.	.	.	.	x	.	.	.	.	.	.	x	.	.	.	.	.	.	.	.	.	.	x	.	.
Oakland Mills State Park . . . . .	172S	85	.	.	.	.	.	x	.	.	.	.	.	.	x	.	.	.	.	.	.	.	.	.	.	x	.	.
Galland School State Preserve . . . . .	178S	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Nature preserves:																												
Oak Grove State Park . . . . .	3S	102	.	.	.	.	.	x	.	.	.	.	.	.	x	.	.	.	.	.	.	.	.	.	.	x	.	x
Wanata State Park . . . . .	12S	160	.	.	.	.	.	x	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	x	.	x
Cayler Prairie State Preserve . . . . .	19S	100	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Hayden Prairie State Preserve . . . . .	42S	200	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Bixby State Park . . . . .	68S	69	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
White Pine Hollow State Forest (4) . . . . .	70S	650	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Margo Frankel Woods State Park . . . . .	110S	136	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Barkley Memorial State Preserve . . . . .	114S	40	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Woodman Hollow State Preserve . . . . .	119S	63	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Kalsow Prairie State Preserve (4) . . . . .	122S	160	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Preparation Canyon State Park . . . . .	137S	187	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Sharon Bluffs State Park (4) . . . . .	161S	144	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Woodthrush State Preserve . . . . .	173S	25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Beaches:																												
Gull Point State Park (4) . . . . .	18S	60	3,800	A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Inn Area State Park . . . . .	18S	7		A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Pikes Point State Park . . . . .	18S	14		A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Clear Lake State Park (4) . . . . .	35S	70	3,643	A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Twin Lakes State Park . . . . .	123S	20	569	A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

See footnotes at end of table.

IOWA	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface	Lake (7)	Reservoir (7)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Forests:																												
Yellow River State Forest.....	55S	4,206				x		x				x			x					x	x	x			x	x		
Holst State Forest.....	115S	334						x				x			x					x	x					x		
Stephens State Forest.....	157S	4,250						x				x			x					x	x					x		
Shimek State Forest.....	176S	3,722						x				x			x					x						x		
MAJOR LOCAL																												
Parks:																												
Cherokee County Conservation Board (6 areas) ..	8L	95				x		x							x				x	x					x			
Buena Vista County Conservation Board (2 areas).....	11L	176	70	x				x							x				x	x		x	x	x				
Clay County Conservation Board (2 areas)....	16L	168				x		x							x				x	x					x	x		
Hancock County Conservation Board (5 areas)...	29L	51	300	A				x					x		x				x			x			x			
Winnebago County Conservation Board (2 areas).....	31L	111	10	x								x			x				x	x					x			
Cerro-Gordo County Conservation Board (3 areas).....	36L	116				x		x							x	x			x	x					x		x	
Floyd County Conservation Board (5 areas)....	37L	66				x		x							x				x	x		x			x			
Chickawaw County Conservation Board (10 areas).....	40L	307				x		x					x						x	x					x		x	
Howard County Conservation Board (11 areas)...	41L	376	50	x	x			x				x			x				x	x		x			x		x	
Clayton County Conservation Board (8 areas)...	61L	210				x		x							x	x			x	x		x			x		x	
Dubuque County Conservation Board (4 areas)...	73L	201				x		x							x	x			x	x		x			x		x	
Scott County Conservation Board (2 areas)....	79L	1,328	100	x	x			x							x				x	x	x	x	x	x	x		x	
Linn County Conservation Board (14 areas)....	86L	1,228				x		x							x	x			x	x	x	x			x		x	
Jones County Conservation Board (1 area).....	90L	427				x		x							x	x			x	x		x			x			
Delaware County Conservation Board (11 areas)...	92L	405				x		x					x	x	x				x	x		x			x		x	
Buchanan County Conservation Board (5 areas)...	93L	256				x		x							x				x	x		x			x			
Benton County Conservation Board (7 areas)...	94L	370	45	x	x			x							x				x	x		x	x					
Blackhawk County Conservation Board (14 areas).....	95L	1,526				x		x				x			x				x	x		x			x		x	
Bremer County Conservation Board (5 areas)...	97L	152				x		x				x			x				x	x		x			x		x	
Butler County Conservation Board (4 areas)....	99L	177				x		x							x				x	x	x	x			x			
Franklin County Conservation Board (11 areas)...	102L	114				x		x							x				x				x					
Hardin County Conservation Board (9 areas)....	105L	211				x		x				x			x				x	x	x	x			x		x	
Marshall County Conservation Board (2 areas)...	107L	210				x		x							x				x	x		x			x			
Polk County Conservation Board (9 areas).....	112L	1,513				x		x					x		x				x	x	x	x			x		x	
Hamilton County Conservation Board (2 areas)...	117L	266	273	A		x		x							x				x	x		x			x		x	
Wright County Conservation Board (8 areas)...	120L	120				x		x							x				x	x		x			x		x	
Humboldt County Conservation Board (2 areas)...	121L	149				x		x							x				x	x		x			x			
Calhoun County Conservation Board (8 areas)...	124L	98	569	A		x		x							x				x	x		x	x					
Greene County Conservation Board (4 areas)....	125L	181				x		x							x				x	x					x			
Carroll County Conservation Board (5 areas)...	129L	315	130	x	x			x							x				x	x	x	x	x					
Fremont County Conservation Board (3 areas)...	143L	60						x					x		x				x	x							x	
Page County Conservation Board (2 areas).....	145L	91	7	x				x							x				x	x					x			
Marion County Conservation Board (1 area)....	155L	120	7	x				x							x				x	x					x			
Powshiek County Conservation Board (2 areas)...	164L	180	80	A				x							x				x	x		x	x					
Iowa County Conservation Board (1 area).....	165L	299	90	x				x							x				x	x		x	x					
Keokuk County Conservation Board (3 areas)...	166L	78	15	x	x			x					x		x				x			x						
Lee County Conservation Board (5 areas).....	177L	413				x		x							x				x	x		x						

See footnotes at end of table.



IOWA	Number on map	Acreage		Significant features									Type of use			Activities													
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS—Continued																													
The following county conservation boards, not shown by symbols on maps, also administer park areas: Appanoose, Cedar, Davis, Fayette, Grundy, Jackson, Mills, Sioux, Story, Tama, Wayne, Winneshieck, Worth.																													
MAJOR QUASI-PUBLIC AND PRIVATE																													
Monument: Historic: Herbert Hoover Birthplace Park.....	82P	28											x		x			x	x										
POTENTIAL AREAS																													
STATE																													
Parks:																													
Upper Iowa River.....	49S	3,000				x		x				x		x	x			x	x	x	x	x		x		x			
Clear Creek Woodlands (2).....	51S	2,000				x		x						x	x			x	x	x	x	x		x		x			
Motor Mill Area.....	60S	1,500				x		x					x	x	x				x	x	x	x		x		x			
Monona County Woodlands (2).....	136S	3,500						x	x						x				x	x	x						x		
Recreation areas:																													
East Okoboji Lake (2).....	22S	300	1,875	A				x							x			x	x	x	x	x		x					
Sabula Bluffs Area.....	77S	1,000						x							x	x			x	x	x	x							
Saylorville Reservoir.....	111S	4,000	5,500	A				x							x				x	x	x	x	x	x					
Red Rock Reservoir.....	154S	3,500	9,000	A				x							x				x	x	x	x	x	x					
Monuments: Historic:																													
Phipps Site.....	6S	100											x		x				x	x									
William Larrabee Home.....	64S	30											x		x				x	x									
Grenville Dodge House (2, 3).....	141S												x		x				x										
Mount Pisgah (2).....	150S	20											x		x				x										
Toolesboro Mound Group.....	168S	50											x		x				x										
James Harlan House (2).....	171S												x		x				x										
Bentonsport City (2).....	175S	100											x		x					x									
Samuel Miller Home (2).....	179S												x		x				x										
Nature preserves:																													
Cherokee Prairie Area.....	5S	160							x						x					x							x		
Iowa River Gorge.....	103S	1,200				x		x							x	x			x	x		x		x		x			
Scenic roads:																													
“Little Switzerland” Scenic Road: Highways 9, 13, and County Road (2).....	48S	86 mi.				x		x						x	x				x	x	x	x							
Great River Road.....	53S	310 mi.				x		x				x	x	x	x				x	x	x	x							
Loess Hills Scenic Road: Highways Alt. 30, 127, 183, 37, 175, 141, 31 (2).....	131S	140 mi.				x		x	x						x				x	x									
Free-flowing streams:																													
Big Sioux River (see South Dakota).....	2S																												
Little Sioux River (2).....	7S	80 mi.				x		x	x				x		x				x	x	x	x		x					
Upper Iowa River.....	45S	95 mi.				x		x						x	x				x	x	x	x		x					
Yellow River.....	56S	35 mi.				x		x						x	x				x	x	x	x		x					
Turkey River (2).....	62S	70 mi.				x		x					x	x	x				x	x	x	x		x					
Canoe trails:																													
Little Sioux River (2).....	10S	42 mi.				x		x	x				x		x				x		x	x		x					
Cedar River (2).....	38S	40 mi.				x		x						x	x				x		x	x		x					
Upper Iowa River.....	46S	54 mi.				x		x						x	x				x		x	x		x					
Yellow River.....	57S	18 mi.				x		x						x	x				x		x	x		x					
Turkey River (2).....	63S	34 mi.				x		x					x	x	x				x		x	x		x					
Wapsipinicon River (2).....	87S	50 mi.				x		x						x	x				x		x	x		x					
Maquoketa River (2).....	91S	60 mi.				x		x						x	x				x		x	x		x					
Iowa River (2).....	106S	55 mi.				x		x						x					x		x	x		x					
Des Moines River (2).....	116S	40 mi.				x								x	x				x		x	x		x					
See footnotes at end of table.																													

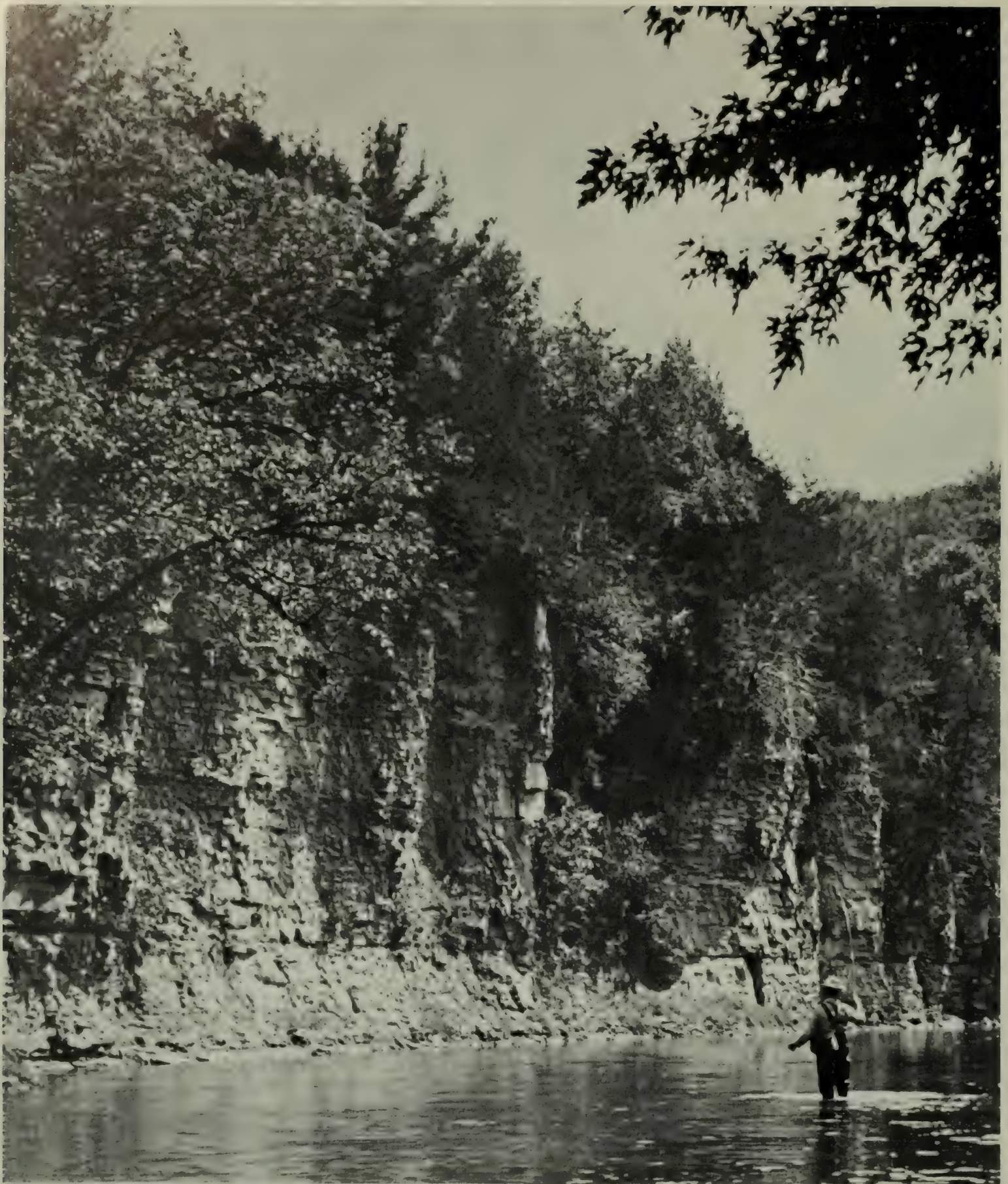
IOWA	Number on map	Acreage		Significant features									Type of use		Activities														
		Total land and water within area	Water surface	Lake (1)	Reservoir (7)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
POTENTIAL AREAS—Continued																													
LOCAL																													
Parks:																													
Bur Oak Site (2).....	14L	100				x		x					x		x				x					x					
Little Turkey River Area (2).....	69L	600				x		x						x	x				x	x	x						x		
Stone City-Waubeeek Area (2).....	88L	3, 500				x		x					x	x	x				x	x	x	x		x		x			
Maynes Creek Area.....	100L	200						x						x	x				x	x						x			
Correctionville Area (2).....	132L	300				x		x					x		x			x	x	x	x			x		x			
Honey Creek Area.....	140L	1, 500						x	x						x				x	x	x						x		
Recreation areas:																													
Balltown Hill.....	72L	50												x	x			x	x	x	x								
River Township Hill.....	78L	300				x		x							x			x	x	x	x	x		x					
Winterset City Lake.....	152L	350	250	x				x							x			x	x			x		x					
Monument: Scientific: Dolomite Castle.....	54L	160						x						x	x				x	x							x		
Nature preserves:																													
White Pine Area (2).....	43L	160				x		x						x	x						x				x		x		
Chimney Rock Fir Forest.....	44L	100				x		x						x	x						x				x		x		
Bear Creek Woods.....	50L	1, 200				x		x						x	x						x				x		x		

- (1) An "A" indicates water surface acreage is adjacent to area.  
(2) Suggested area—qualifications not wholly determined. Further study required.  
(3) Eligible for Registered National Historic Landmark status.  
(4) Major additions recommended.



Loess bluffs in western Iowa, seen here from Waubesa State Park, offer exceptional prospects for a scenic road route.  
IOWA STATE CONSERVATION COMMISSION.





The beautiful, free-flowing Upper Iowa River is a prime park and recreation resource in the State.

JIM SHERMAN, IOWA STATE CONSERVATION COMMISSION









**K**ANSAS lies in the geographic center of the 48 contiguous States.

From 1950 to 1960 the population increased 14.3 percent, to reach 2,178,611. Projections indicate a population of 2,592,000 by 1976. Density averages 26 persons per square mile, ranging from 3 in the western portion to over 100 in the metropolitan areas of Kansas City, Topeka, and Wichita. Sixty-one percent of the population live in urbanized areas.

The State is actively promoting the tourist industry, which accounted for estimated expenditures of \$130 million in 1960. Tourist potential lies in increased facilities and services at reservoirs and in getting travelers to stop an extra day or so.

In addition to its well-known prairies, the State has a variety of other attractive features. The glaciated region of the northeast has steep, rolling hills, while the southeastern section resembles the Ozarks. There are also the "Flint Hills" prairie area in east-central Kansas, the "Red Hills" section with mesas and buttes along the southern border, and the chalk bluffs in the high western plains. Existing Federal reservoirs provide opportunities for water-oriented activities, and those under construction or authorized will add to these opportunities. Fortunately many of these are located in the eastern part of the State where they will better serve population needs.

Kansas has many historic sites associated with westward expansion and military and Indian affairs. Wagon Bed Springs, Fort Larned, Fort Leavenworth, Hollenberg Ranch Pony Express Station, and Haskell Institute possess exceptional value in commemorating the history of the United States and are eligible for Registered National Historic Landmark status.

## EXISTING PUBLIC AREAS

**NATIONAL:** The Bureau of Sport Fisheries and Wildlife administers two wildlife refuges of 19,304 acres. The Forest Service administers 300,000 acres in land utilization projects.

**STATE:** The State Park and Resources Authority administers 5 parks of 15,095 acres that had a 1960 attendance of 522,146. The Forestry, Fish and Game Commission operates 41 State parks and lakes totaling 40,798 acres, and 45,450 acres in 7 wildlife refuges; total attendance in 1960 was 1,445,266. The State Historical Society administers five historic sites. Six other historical sites are owned by the State but administered by local agencies. The Highway Department has 143 roadside parks.

**LOCAL:** There are 65 local nonurban parks and recreation areas totaling 14,533 acres. Sixteen of the major areas are included in the tabulation.

**PRIVATE ENTERPRISE:** Most private recreation enterprises are geared to services for through travelers. A potential exists for development of facilities and services at existing and proposed reservoirs.

## PARK AND RELATED NEEDS

Major emphasis needs to be placed on acquisition of natural and cultural areas to preserve portions of the State's heritage. There is need and opportunity to enlarge some of the major existing State parks. The park system needs expansion to assure proper





The tall grass prairie is one of the most significant features of America, both ecologically and historically. The proposed Prairie National Park in Kansas would preserve an important remnant of this once vast grasslands environment.

balance and to provide more recreation opportunities, especially near large population centers. There is a need for additional recreation facilities at existing Forestry, Fish and Game Commission areas where this would be compatible with the primary use of the area.

For the more than 2 million residents, the State now provides 56,000 acres of parks and recreation areas, and an additional 10,824 acres are provided locally. Potential areas identified in this plan total 59,500 acres of lands with State significance and 16,800 acres of local significance. Acquisition and development of these areas would meet most of the recreation needs of the people. Additional areas of various types must be found to meet the needs of the expanded population of 1976.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are made to help provide needed outdoor recreation opportunities

for public enjoyment and use. Prompt and vigorous action by the agencies concerned will be needed to realize these opportunities.

**NATIONAL:** Establishment of Prairie National Park and Fort Larned National Historic Site.

**STATE:** Establishment of eight parks, one nature preserve, nine monuments, three recreation areas, and major additions to nine existing areas. Suggested for additional study are 4 parks, 11 monuments, and 1 recreation area.

Designation and control of a system of scenic roads. Two routes are suggested for initial study.

**LOCAL:** Establishment of areas of local significance to protect resources and provide recreation opportunities. One park and seven recreation areas are recommended, and seven additional parks and recreation areas are suggested for further study.

Supporting recommendations include—

1. Provision for adequate lands and facilities at existing and proposed Federal reservoirs.



2. Provision for additional recreation facilities on Forestry, Fish and Game Commission areas where compatible with the primary purpose of areas.
3. Recognition of important historic trails, the Santa Fe, Overland, Oregon, and Lewis and Clark,

- by various means such as markers, interpretation, or public ownership where necessary.
4. Continuation of the excellent program of providing convenient wayside rest areas and facilities and historical markers.



Castle Rock, famous chalk erosional remnant in Gove County, Kansas, deserves protection as a scientific monument.



KANSAS	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface	Lake	Reservoir (?)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Wildlife areas:																												
Kirwin National Wildlife Management Area . . . . .	7N	10, 864	4, 937	x							x			x				x	x	x	x	x	x					
Quivira National Wildlife Refuge . . . . .	79N	8, 440									x			x					x							x		
STATE																												
Parks:																												
Miami County State Park (4) . . . . .	40S	277	90	x			x							x	x			x	x	x	x	x	x	x	x			
Leavenworth County State Park . . . . .	46S	506	175	x			x				x			x	x			x	x	x	x	x	x	x	x			
Scott County State Park (4) . . . . .	90S	1, 280	115	x				x					x	x	x	x		x	x	x	x	x	x	x	x			
Meade County State Park . . . . .	97S	1, 240	100	x			x							x	x			x	x	x	x	x	x	x	x			
Clark County State Park (4) . . . . .	99S	1, 243	337	x				x					x	x	x			x	x	x	x	x	x	x	x			
Kingman County State Park . . . . .	106S	1, 562	185	x			x				x			x				x	x	x	x	x	x	x	x			
Woodson County State Park . . . . .	119S	445	179	x			x							x	x			x	x	x	x	x	x	x	x			
Crawford County State Park No. 2 . . . . .	126S	460	150	x			x							x	x			x	x	x	x	x	x	x	x			
Recreation areas:																												
Decatur County State Park . . . . .	2S	481	161	x										x				x	x		x	x	x	x				
Sheridan County State Park . . . . .	3S	343	87	x										x				x	x		x	x	x	x				
Webster Reservoir . . . . .	5S	5, 839	3, 560	x										x				x	x	x	x	x	x	x	x			
Rooks County State Park . . . . .	6S	333	67	x										x				x			x		x					
Jewell County State Lake . . . . .	9S	165	60	x										x				x			x		x					
Lovewell Reservoir . . . . .	10S	6, 000	3, 000	x										x				x	x	x	x	x	x	x	x			
Ottawa County State Park . . . . .	13S	711	138	x				x						x				x	x	x	x	x	x	x				
Tuttle Creek Reservoir State Park . . . . .	16S	1, 035	15, 800	A				x			x			x				x	x	x	x	x	x	x				
Pottawatomie County State Lake No. 2 . . . . .	17S	247	75	x			x	x						x				x			x	x	x	x				
Pottawatomie County State Park No. 1 . . . . .	19S	100	24	x										x				x			x		x					
Washington County State Lake . . . . .	20S	463	110	x										x				x			x		x					
Nemaha County State Park . . . . .	23S	705	356	x			x							x				x	x	x	x	x	x	x				
Brown County State Lake . . . . .	24S	189	60	x										x				x	x		x	x		x				
Atchison County State Park (4) . . . . .	29S	248	70	x			x							x				x	x	x	x	x	x	x		x		
Douglas County State Park . . . . .	43S	717	180	x										x				x	x		x		x					
Shawnee County State Lake . . . . .	49S	608	135	x										x				x			x	x	x	x				
Osage County State Lake . . . . .	54S	506	140	x										x				x	x		x	x	x	x				
Lyon County State Park . . . . .	60S	582	135	x										x				x			x	x		x				
Chase County State Lake (4) . . . . .	66S	360	100	x				x						x				x	x			x	x	x				
Geary County State Park . . . . .	72S	450	96	x										x				x				x		x				
McPherson County State Lake . . . . .	75S	100	46	x										x				x				x		x				
Kanopolis Reservoir State Park . . . . .	76S	2, 000	3, 350	A							x	x	x	x				x	x	x	x	x	x	x		x		
Hodgeman County State Lake . . . . .	82S	254	87	x										x				x			x		x					
Finney County State Park . . . . .	83S	852	325	x										x				x			x		x		x			
Cedar Bluff Reservoir . . . . .	85S	15, 578	6, 630	x										x				x	x	x	x	x	x	x				
Logan County State Lake . . . . .	91S	271	60	x										x				x				x		x				
Hamilton County State Park . . . . .	93S	432	94	x										x				x				x		x				
Kearny County State Park . . . . .	95S	3, 100	3, 000	x										x				x	x			x		x	x			
Barber County State Park . . . . .	105S	190	77	x										x				x	x			x		x				
Butler County State Lake (4) . . . . .	110S	251	124	x				x						x				x			x	x	x	x				
Cowley County State Lake (4) . . . . .	112S	197	80	x				x						x	x			x	x		x	x	x	x				
Montgomery County State Lake . . . . .	114S	408	105	x			x							x				x	x	x	x	x	x	x				
Fall River Reservoir State Park . . . . .	117S	2, 000	2, 600	A			x							x				x	x	x	x	x	x	x				
Toronto Reservoir State Park . . . . .	118S	1, 860	2, 800	A			x							x				x	x	x	x	x	x	x				
Wilson County State Lake . . . . .	120S	291	119	x										x				x	x		x	x		x				
Bourbon County State Lake (4) . . . . .	125S	380	103	x			x							x				x				x	x	x				
Crawford County State Park No. 1 . . . . .	127S	418	60	x			x							x	x			x	x	x		x			x			
Neosho County State Park . . . . .	128S	216	92	x			x							x				x			x	x	x	x				

See footnotes at end of table.

KANSAS	Number on map	Acreage		Significant features								Type of use				Activities													
		Total land and water within area	Water surface	Lake	Reservoir (7)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS—Continued																													
STATE—Continued																													
Monuments: Historic:																													
Pike-Pawnee Village.....	11S	5										x		x															
First Territorial Capitol.....	15S											x		x			x												
Hollenberg Ranch Pony Express Station (3, 4) ..	21S	7										x		x			x	x											
Highland Presbyterian Mission.....	25S	5										x		x			x	x											
Shawnee Methodist Mission.....	32S	12										x		x			x												
Marais des Cygnes Massacre Site.....	36S	60										x		x															
John Brown Memorial Park.....	41S	20										x		x				x											
Kaw Methodist Mission.....	64S											x		x			x												
Pawnee Rock State Monument.....	80S	10										x	x	x			x	x											
Fort Hays State Monument.....	84S											x		x			x												
General Frederick Funston Home.....	121S	1										x		x			x												
MAJOR LOCAL																													
Parks:																													
Wyandotte County Lake.....	31L	1,200	448	x			x				x			x				x	x		x	x	x	x		x			
Lone Star Lake.....	45L	425	200	x			x							x				x	x		x	x	x	x		x			
Harvey County Park.....	109L	300			x		x							x				x	x				x		x				
Schimmerhorn Park.....	131L	160			x		x							x	x			x	x							x			
Recreation areas:																													
Atwood Township Lake.....	1L	160	80	x										x			x	x			x		x						
Atchison County Lake.....	28L	320	90	x			x							x				x	x		x		x						
Johnson County Lake.....	33L	1,350	156	x			x							x				x	x		x	x	x	x		x			
Olathe City Lake.....	35L	400	180	x										x				x			x		x						
Lake Shawnee County Park.....	53L	1,000	410	x			x							x				x	x	x	x	x	x						
Lake Wabaunsee County Park.....	61L	396	170	x										x	x			x			x	x	x						
Lake Kahola.....	65L	1,205	405	x										x	x			x			x	x	x	x					
Marion County Lake.....	69L	320	150	x										x	x			x			x	x	x						
Herrington City Lake.....	71L	464	264	x										x				x			x		x						
Sedgwick County Lake.....	107L	500	240	x										x				x			x		x						
Bourbon County Lake.....	124L	324	100	x										x				x			x	x	x						
Parsons City Lake.....	129L	2,300	800	x			x							x				x			x	x	x						
MAJOR QUASI-PUBLIC AND PRIVATE																													
Monument: Historic: Eisenhower Boyhood Home and Museum.....																													
	73P											x		x			x												
POTENTIAL AREAS																													
NATIONAL																													
Park: Prairie.....	18N	57,000						x				x		x	x	x	x	x	x	x	x					x		x	
Monument: Historic: Fort Larned.....	81N	660										x		x		x	x												
STATE																													
Parks:																													
Missouri River Bluffs.....	26S	2,500				x		x				x		x	x			x	x	x	x	x				x			
Sugar Creek Area (2).....	38S	4,000						x				x		x	x			x	x	x	x					x			
Chippewa Hills (2).....	56S	3,000						x						x	x			x	x	x	x					x			
Alma Area.....	62S	4,000						x	x			x		x	x			x	x	x	x					x			
Matfield Green Grassland.....	67S	5,000							x					x	x			x	x	x	x					x			
Chalk Bluffs.....	89S	1,500						x						x	x			x	x	x	x					x			
Sand Dune Area.....	94S	5,000				x						x		x	x			x	x	x	x					x			

See footnotes at end of table.



KANSAS	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface	Lake	Reservoir (7)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Parks—Continued																												
Clark County Fossil Area.....	100S	5,000						x					x	x			x	x	x	x						x		
Cedar Hills (2).....	104S	5,000						x					x	x			x	x	x	x						x		
Grenola Area (2).....	111S	2,500						x					x	x			x	x	x	x						x		
Elgin Area.....	113S	5,000						x					x	x			x	x	x	x						x		
Little Osage Valley Area.....	122S	2,000									x		x	x				x	x	x				x		x		
Recreation areas:																												
Perry Reservoir.....	47S	3,000	4,800	A			x							x			x	x	x	x	x	x	x			x		
Pomona Reservoir.....	55S	2,000	4,000	A			x							x			x	x	x	x	x	x	x					
Cheney Reservoir.....	108S	4,000	9,100	A										x			x	x		x	x	x	x					
Strip Mine Lakes (2).....	130S	2,500	1,000	x										x	x			x	x	x	x			x				
Monuments:																												
Scientific:																												
Rock City (2).....	12S	200												x	x			x	x	x								
Castle Rock.....	86S	640						x						x	x			x	x	x								
Monument Rocks.....	87S	300												x	x			x	x	x								
Saint Jacobs Well (2).....	101S	320												x	x	x		x		x								
Natural Bridge and Cave.....	103S	300						x						x	x			x	x	x						x		
Historic:																												
Alcove Springs (2).....	22S	30												x		x												
John A. Martin House (2).....	30S	2												x		x			x									
Battle of Mine Creek (2).....	37S	160												x		x			x									
Constitution Hall.....	48S	5												x		x			x									
Charles Curtis Home.....	50S	2												x		x			x									
Pottawatomie Baptist Mission.....	51S	20												x		x			x									
Governors Mansion.....	52S	5												x		x			x									
William A. White Home.....	59S	5												x		x			x									
Indian Burial Pit (2).....	74S	160												x		x			x									
Fort Harker (2).....	77S	10												x		x			x									
Monument Station (2).....	88S	100												x		x			x									
Fort Wallace (2).....	92S	60												x		x			x	x								
Wagon Bed Springs (2, 3).....	96S	60												x		x												
Santa Fe Trail Remains.....	98S	160												x		x			x									
Fort Scott (2).....	123S	10												x		x			x									
Nature preserve: Pigeon Lake Area.....	39S	1,000						x						x						x						x		
Scenic roads:																												
Lewis and Clark Tourway: Highways 5, 7, and 73.....	27S	85 mi.						x		x				x	x	x			x	x								
Red Hills Trail: Highway 160 and county roads.....	102S	100 mi.								x					x	x			x	x								
LOCAL																												
Parks:																												
Johnson County Hardwoods (2).....	34L	2,500						x						x	x				x	x	x					x		
Devils Backbone (2).....	42L	200						x						x	x	x			x	x						x		
Table Mounds Area (2).....	115L	1,200						x		x				x	x	x			x	x	x	x			x	x		
Shoal Creek Area.....	132L	1,000						x							x	x			x	x	x	x				x		
Recreation areas:																												
Norton Reservoir.....	4L	700	2,230	A											x			x	x		x	x	x	x				
Glen Elder Reservoir.....	8L	2,000	14,000	A											x			x	x		x	x	x	x				
Milford Reservoir.....	14L	1,000	3,500	A											x			x	x		x	x	x	x				
Melvorn Reservoir.....	57L	1,000	3,800	A											x			x	x		x	x	x	x				
John Redmond Reservoir.....	58L	2,000	9,400	A											x			x	x		x	x	x	x				
Council Grove Reservoir (2).....	63L	1,000	3,280	A											x			x	x		x	x	x	x				
Cedar Point Reservoir (2).....	68L	500	1,220	A											x			x	x		x	x	x	x				

See footnotes at end of table.

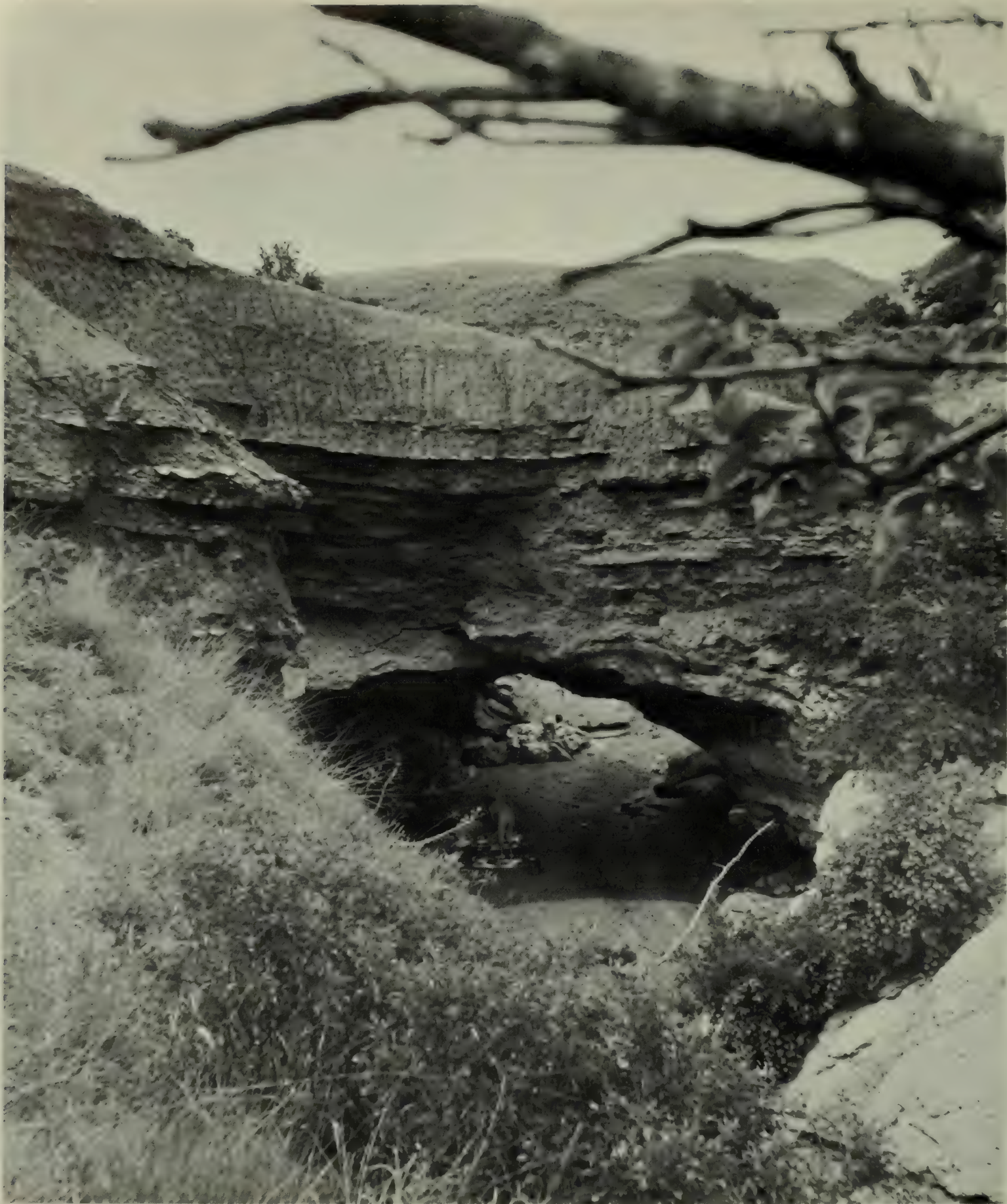
KANSAS	Number on map	Acreage		Significant features										Type of use				Activities										
		Total land and water within area	Water surface	Lake	Reservoir (1)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued		LOCAL—Continued																										
Recreation areas—Continued																												
Marion Reservoir (2).....	70L	1, 000	3, 350	..	A	..	..	..	..	..	..	..	..	..	x	..	..	x	x	..	x	x	x	x	..	..	..	
Wilson Reservoir.....	78L	2, 000	9, 000	..	A	..	..	..	..	..	..	..	..	..	x	..	..	x	x	..	x	x	x	x	..	..	..	
Elk City Reservoir.....	116L	500	2, 370	..	A	..	..	..	..	..	..	..	..	..	x	..	..	x	x	..	x	x	x	x	..	..	..	
Nature preserve: Baldwin Woods (2).....	44L	160	.....	..	..	..	..	x	..	..	..	x	..	..	x	..	..	x	x	x	..	x	x	x	..	x	..	

- (1) An "A" indicates water surface acreage is adjacent to area.  
(2) Suggested area—qualifications not wholly determined. Further study required.  
(3) Eligible for Registered National Historic Landmark status.  
(4) Major additions recommended.

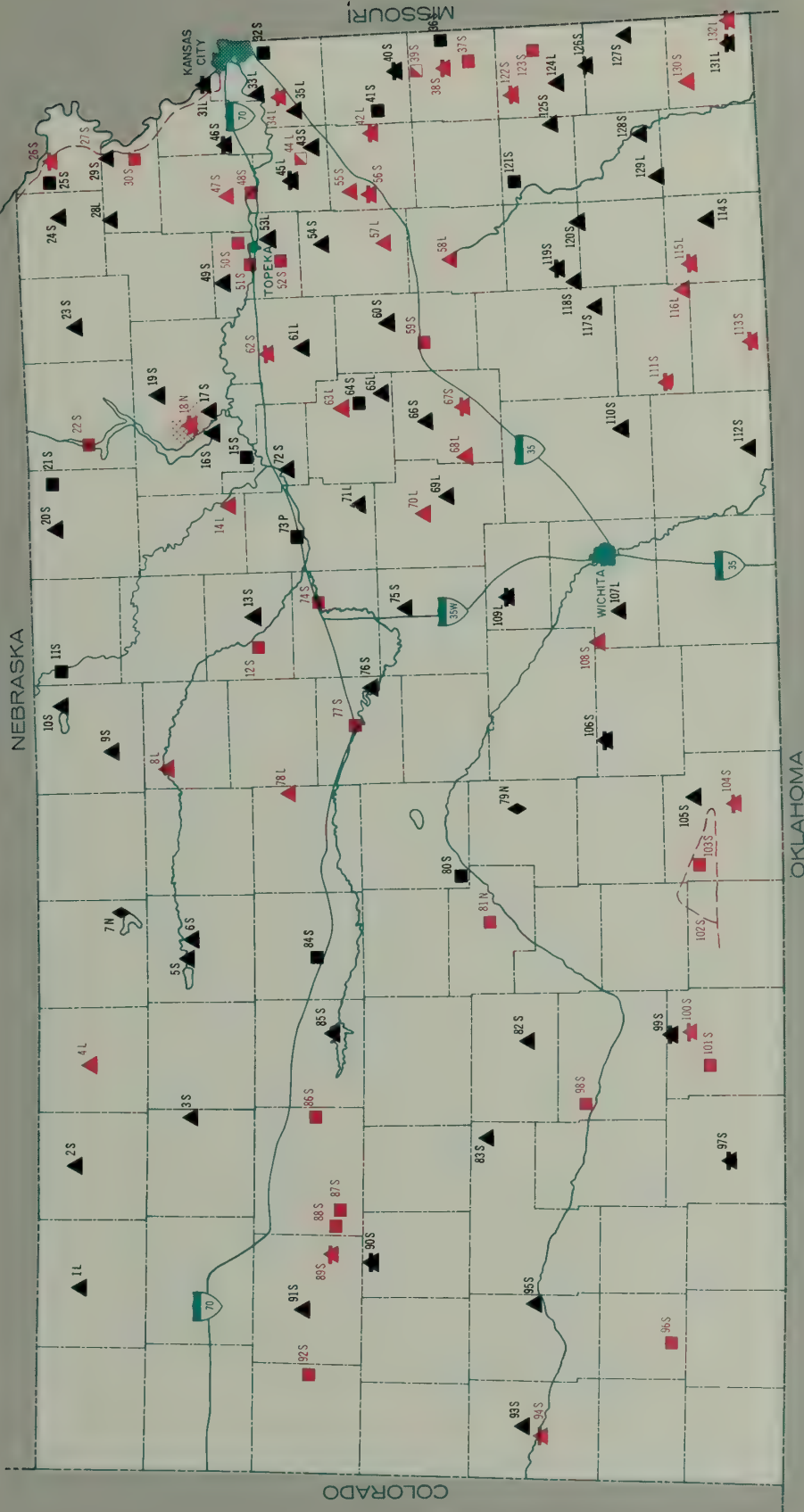


The parade ground at Fort Larned, Kans., guardian of the Santa Fe Trail and base for frontier protection. The fort, with its quadrangle of stone buildings, is an outstanding example of a military post of the 1860's.





A picnicking family explores the unusual rock formation of Natural Bridge, in Barber County, Kansas.







# MICHIGAN

**M**ICHIGAN, fronting on four of the Great Lakes, has varied and abundant resources for outdoor recreation.

In the decade 1950–60, Michigan experienced a population growth of almost 1.5 million. In 1960, over 73 percent of the population was urban, an increase of about 27 percent during the past decade. Density ranges from 4 per square mile in Keweenaw County on the Upper Peninsula to 4,393 per square mile in Wayne County. There are 10 metropolitan areas in the State. Projections indicate that the State population will increase from 7,823,194 in 1960 to 11,615,000 by 1976.

The tourist-vacation industry ranks with manufacturing and agriculture as one of the State's three most important income sources. It brought an estimated \$650 million into the State in 1960, placing Michigan fourth among all States for vacation popularity. Some 10 million people vacation in Michigan each year, with about half this number coming from out of State.

The Interstate Highway System, as proposed, will speed travel from the urban centers in the southern portion of the State to the recreation resources in the northern portion of the Lower Peninsula and the east and central portions of the Upper Peninsula.

The Upper Peninsula and the northern half of the Lower Peninsula are, for the most part, forest covered (including approximately 6.3 million acres of National and State forests), with thousands of lakes and ponds dotting the landscape. The State is one of the most popular hunting and fishing regions in the United States. Lakes and streams also occur in large numbers even in the densely populated southern portion of the State. The varied climate is conducive to year-round outdoor activities. All types of winter sports

are popular, both with residents and out-of-State vacationers.

Archeological sites are numerous though not often highly dramatic. There are many historic sites associated with French exploration, the fur trade, and the economic evolution of the State. Many of these have been marked and a few are preserved in State parks. Fort Michilimackinac, St. Ignace Mission, and Mackinac Island possess exceptional value in commemorating the history of the United States.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers one national park of 539,339 acres. Visits in 1960 amounted to 6,000. Five national forests totaling 2,553,703 acres, including 65 developed recreation areas, are administered by the Forest Service. The Bureau of Sport Fisheries and Wildlife administers five national wildlife refuges of 104,296 acres.

**STATE:** The Parks and Recreation Division administers 73 park and recreation areas totaling 182,541 acres, and 4 historic sites with a total of 2,567 acres. Combined 1960 visits were 18,144,900. Twenty-three forests totaling 3,765,468 acres, including 105 developed recreation areas, are administered by the Forestry Division. The Game Division administers 57 game areas with a combined acreage of 197,391 and some 672 fishing access sites. Approximately 118 roadside rest areas are under the Highway Department.

**LOCAL:** Local park authorities administer over 19,621 acres in some 114 nonurban parks. One historic monument is also in local public ownership.



**QUASI-PUBLIC AND PRIVATE:** There are two island natural preserves, containing 215 acres, and one historic monument.

**PRIVATE ENTERPRISE:** Private recreation facilities and services are extremely important. The vast majority of tourist services and facilities such as cabins, boat rentals, and guide services are provided by private enterprise.

## PARK AND RELATED NEEDS

The shoreline of Michigan should be the object of an extensive acquisition program of areas worthy of protection for public recreation use. Also, there is urgent need for acquisition of other lands, particularly in the southern half of the State, to preserve open space and provide outdoor recreation opportunities for urban dwellers. Bond issues are helping Michigan's park acquisition and development program.

Existing State park and recreation areas now provide approximately half of the acreage considered desirable for a population nearing 8 million. Potential areas of State significance identified in this plan total 118,417 acres. Other areas should be selected and developed to provide a well-distributed and adequate State system by 1976. Equally urgent is the need for additional local parks in urban areas. This plan identifies 3,050 acres as suitable for this purpose. More will be needed by 1976.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. If the following recommendations can be vigorously carried out by the agencies concerned, they may help to provide important additional outdoor recreation opportunities in Michigan.

**NATIONAL:** Establishment of the Sleeping Bear and Pictured Rocks areas as units of the National Park System. Legislation to effect this has been introduced.

Studies to determine the desirability and feasibility of providing future national protection for the Huron Mountains area, and of a Lake Superior Shoreline Parkway.

**STATE:** Expansion of the State park system by the addition of 12 parks, 2 recreation areas, and 2 historic sites. Further study of 16 other areas as possible additions to the system is suggested. Major land additions to 36 existing park and recreation areas should be considered.



The sands of Thunder Mountain dwarf a solitary tramper. The high dunes, beaches and woodlands of the area merit State protection.

Designation and protection of four scenic roads and two free-flowing streams from objectionable encroachments by acquiring easements or by acquisition of bordering lands.

Public lands exhibiting wilderness characteristics should be located and permanently retained as nature preserves. Two potential nature preserves and one wilderness area are identified for additional study.

**LOCAL:** Local park and recreation systems are inadequate to the needs of the population. Consideration should be given to the acquisition of open space at the local, county, and metropolitan levels. Enabling legislation may be necessary. Three parks and one recreation area should be acquired and further study made of one recreation area.

Supporting recommendations include—

1. Study of the recreation potential of existing State forests and initiation of a development program for potential public use areas.
2. Provision for additional marinas, docking space, shoreline campgrounds, and other water-related facilities.
3. A comprehensive survey of archeologic and historic sites within the State should be conducted with a view to the preservation and development of those found to possess significant educational and inspirational values.
4. Protection of free-flowing streams and important lakeshore lands by scenic easements or outright purchase.

MICHIGAN	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Park: Isle Royale National Park.....	1N	539,339					x	x				x	x	x		x	x		x	x	x	x	x	x		x		x
Forests:																												
Ottawa National Forest.....	17N	861,459				x	x	x				x			x	x	x		x	x	x	x	x	x	x	x	x	
Hiawatha National Forest.....	43N	476,653				x	x	x				x			x	x	x		x	x	x	x	x	x	x	x	x	
Marquette National Forest.....	66N	354,270				x	x	x				x			x	x	x		x	x	x	x	x	x	x	x	x	
Huron National Forest.....	105N	414,918				x	x	x				x			x	x			x	x	x	x	x	x	x	x	x	
Manistee National Forest.....	143N	446,403				x	x	x				x			x	x			x	x	x	x	x	x	x	x	x	
Wildlife areas:																												
Huron National Wildlife Refuge.....	27N	147				x						x			x											x		
Seney National Wildlife Refuge.....	51N	95,531				x		x				x			x				x	x						x		
Michigan Islands National Wildlife Refuge.....	83N	12				x						x			x											x		
Shiwassee National Wildlife Refuge.....	172N	4,406				x						x			x				x	x						x		
Lake St. Clair National Wildlife Refuge.....	180N	4,200				x		x				x			x				x	x						x		
STATE																												
Parks:																												
F. J. McLain State Park.....	6S	336				x									x	x			x	x	x	x	x					
Porcupine Mountains State Park (5).....	12S	58,167	S	x	x	x	x			x	x		x		x	x			x	x	x	x	x	x	x	x	x	
Gogebic Lake State Park.....	16S	401	M	A			x					x				x			x	x	x	x	x		x			
Baraga State Park (5).....	26S	39				x									x	x			x	x	x	x	x					
Van Riper State Park.....	29S	1,086	M	A		x	x					x		x	x	x	x	x	x	x	x	x	x		x			
John W. Wells State Park (5).....	39S	974				x	x	x				x			x	x			x	x	x	x	x	x		x		
Laughing Whitefish Falls State Park (5).....	41S	160	M	A		x								x	x	x			x	x	x	x	x	x		x		
Indian Lake State Park (5).....	45S	571	M	A		x		x				x			x	x			x	x	x	x	x	x				
Wagner Falls State Park.....	53S	23				x		x						x	x				x	x						x		
Pictured Rocks State Park.....	54S	185				x	x					x		x		x	x		x	x	x			x		x		
Grand Marais State Park (5).....	56S	1,728				x	x					x		x		x	x		x	x	x	x	x	x		x		
Muskallonge Lake State Park.....	57S	165				x	x					x			x	x			x	x	x	x	x	x		x		
Tahquamenon Falls State Park (5).....	61S	18,563	M	x	x	x	x					x		x		x	x		x	x	x	x	x	x		x		
Brimley State Park (5).....	67S	151				x	x								x	x			x	x	x	x	x	x				
DeTour State Park (5).....	73S	123				x	x								x	x			x	x	x	x	x	x				
Straits State Park.....	79S	120				x								x	x	x			x	x	x	x						
Wilderness State Park (5).....	82S	6,885				x	x					x			x	x	x	x	x	x	x	x	x	x		x		
Aloha State Park.....	87S	71	M	A											x	x			x	x	x	x	x	x		x		
Cheboygan State Park.....	89S	1,162				x	x					x			x	x	x		x	x	x	x	x	x		x		
Onaway State Park (5).....	91S	158	M	A			x								x	x			x	x	x	x	x	x				
P. H. Hoeft State Park.....	95S	300				x	x							x	x	x			x	x	x	x	x	x		x		
Sturgeon Point State Park.....	101S	70				x									x				x	x	x	x	x	x				
Harrisville State Park.....	102S	79				x									x	x			x	x	x	x	x	x				
Burt Lake State Park.....	109S	409	M	A		x	x								x	x			x	x	x	x	x	x				
Petoskey State Park.....	110S	175				x	x								x	x			x	x	x	x	x	x				
Young State Park.....	112S	563	M	A			x					x			x	x	x		x	x	x	x	x	x				
Otsego Lake State Park.....	116S	62	M	A											x	x			x	x	x	x	x	x				
Edward E. Hartwich River State Park (5).....	117S	8,938	40	x	x	x		x				x			x	x	x	x	x	x	x		x	x	x			
Traverse City State Park.....	120S	38				x									x	x			x	x	x	x	x	x				
D. H. Day State Park.....	125S	1,989				x	x					x		x	x	x			x	x	x	x	x	x				
Benzie State Park.....	126S	180				x	x								x	x			x	x	x	x	x	x				
Interlochen State Park.....	131S	186	M	A			x					x			x	x			x	x	x	x	x	x		x		
Higgins Lake State Park.....	133S	312	M	A			x								x	x			x	x	x	x	x	x				
William Mitchel State Park.....	136S	32	M	A											x	x			x	x	x	x	x	x				
Orchard Beach State Park.....	141S	201				x									x	x			x	x	x	x	x	x				
Ludington State Park (5).....	142S	3,710	M	A		x	x	x				x		x	x	x	x	x	x	x	x	x	x	x		x		
Charles Mears State Park.....	148S	49				x									x	x			x	x	x	x	x	x				

See footnotes at end of table.



# MICHIGAN

MICHIGAN	Number on map	Acreage		Significant features										Type of use				Activities										
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Parks—Continued																												
Silver Lake State Park (5).....	149S	1, 811	M	A			x							x	x	x		x	x	x	x	x	x	x		x		
Muskegon State Park.....	152S	1, 125	S	A			x	x	x			x		x	x	x		x	x	x	x	x	x	x		x		
White Cloud State Park.....	156S	90					x								x	x			x		x							
Wilson State Park.....	162S	36	M	A											x	x		x	x		x	x	x	x				
East Tawas State Park.....	165S	18						x							x				x			x	x	x				
Tawas Point State Park (5).....	167S	191						x	x						x	x		x	x	x	x	x	x	x				
Bay City State Park.....	169S	196						x							x	x		x	x	x	x	x	x	x		x		
Albert E. Sleeper State Park.....	173S	921						x	x			x			x	x		x	x	x	x	x	x	x				
Port Crescent State Park (5).....	174S	164						x	x						x	x	x		x	x	x	x	x	x				
Lakeport State Park (5).....	178S	374						x	x	x					x	x		x	x	x	x	x	x	x		x		
Algonac State Park (5).....	181S	981						x		x					x	x		x	x	x	x	x	x		x			
Dodge Brothers State Park No. 4.....	188S	136	M	A											x	x		x	x	x	x	x	x	x				
P. J. Hoffmaster State Park (5).....	202S	136						x							x	x		x	x	x	x	x	x	x		x		
Grand Haven State Park.....	203S	48						x	x						x	x			x	x	x	x	x	x				
Holland State Park.....	204S	43						x	x						x	x		x	x	x	x	x	x	x				
Warren Dunes State Park (5).....	214S	1, 102						x				x		x	x	x	x	x	x	x	x		x	x		x		
Walter J. Hayes State Park.....	221S	654	M	A											x	x		x	x	x	x	x	x	x				
Sterling Park State Park (5).....	231S	624						x							x				x	x			x	x				
Recreation areas:																												
Gladwin State Recreation Area (5).....	163S	376						x							x	x			x	x	x	x	x	x	x			
Rochester-Utica State Recreation Area (5).....	184S	903						x							x				x	x				x	x			
Bald Mountain State Recreation Area (5).....	185S	2, 402	M	x		x		x				x			x	x		x	x	x	x			x	x		x	
Metamora State Recreation Area (5).....	186S	683	M	A		x									x	x			x	x	x		x	x	x			
Ortonville State Recreation Area (5).....	187S	3, 853	M	x				x							x	x		x	x	x	x		x	x	x		x	
Proud Lake State Recreation Area (5).....	190S	3, 289	M	x		x		x							x	x		x	x	x	x		x	x	x			
Highland State Recreation Area (5).....	191S	5, 407	M	x		x		x							x	x		x	x	x	x	x	x	x	x			
Pontiac Lake State Recreation Area (5).....	192S	3, 391	M	x		x		x							x	x		x	x	x	x	x	x	x	x		x	
Holly State Recreation Area (5).....	193S	6, 028	M	x		x		x							x	x		x	x	x	x	x	x	x	x		x	
Yankee Springs State Recreation Area.....	208S	4, 284	M	x				x							x	x	x	x	x	x	x		x	x	x	x		
Fort Custer State Recreation Area.....	217S	1, 228						x							x	x		x	x	x	x					x		
Onsted State Recreation Area.....	220S	512	M	A											x	x			x	x	x	x	x	x	x			
Waterloo State Recreation Area (5).....	222S	15, 718	M	x				x				x			x	x	x	x	x	x	x	x	x	x	x			
Pinckney State Recreation Area (5).....	223S	9, 481	M	x		x		x							x	x			x	x	x	x	x	x	x		x	
Brighton State Recreation Area (5).....	224S	4, 442	M	x		x		x				x			x	x		x	x	x	x		x	x	x		x	
Island Lake State Recreation Area (5).....	225S	2, 913	M	x		x		x							x	x		x	x	x	x	x	x	x	x			
Monuments:																												
Scientific: Palms-Book State Park.....	46S	308	S	x		x		x						x	x				x	x							x	
Historic:																												
Fort Wilkins State Park (5).....	2S	190						x						x	x	x	x				x	x	x	x		x		
Fayette State Park (5).....	44S	170						x						x		x	x		x	x	x	x	x	x		x		
Mackinac Island State Park (6).....	78S	2, 180						x	x					x	x	x		x	x			x	x					
Michilimackinac State Park (6).....	80S	27						x						x		x	x		x	x	x							
Nature preserve: Warren Woods State Park.....	215S	312						x		x					x		x										x	
Forests:																												
Iron Range State Forest.....	21S	77, 284	M	x		x		x				x	x			x			x	x	x	x	x	x	x		x	
Baraga State Forest.....	24S	131, 210	M	x		x		x				x			x				x	x	x	x	x	x	x			
Escanaba River State Forest.....	30S	164, 022	M	x		x		x				x			x	x			x	x	x	x	x	x	x		x	
Sturgeon River State Forest.....	33S	216, 045	M	x		x		x				x			x				x	x				x	x	x		
Menominee State Forest.....	36S	123, 618	M	x		x		x				x			x				x	x				x	x			
Michigamme State Forest.....	40S	116, 824	M	x		x		x				x			x				x	x				x	x			
Grand Sable State Forest.....	47S	202, 391	M	x		x		x				x			x	x			x	x	x	x	x	x	x		x	
Manistique River State Forest.....	52S	163, 777						x	x	x					x		x	x	x	x	x			x	x	x		
Black Lake State Forest.....	65S	146, 325						x	x	x					x	x	x	x	x	x	x	x	x	x	x			

See footnotes at end of table.

## MICHIGAN

MICHIGAN	Number on map	Acreage		Significant features										Type of use			Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS—Continued																													
STATE—Continued																													
Forests—Continued																													
Lake Superior State Forest.....	69S	224, 692				x	x	x				x			x	x			x	x	x	x	x	x	x	x	x		
Munuscong State Forest.....	76S	119, 984				x	x	x				x			x	x	x		x	x	x	x	x	x	x	x	x		
Mackinac State Forest.....	77S	308, 796				x	x	x				x			x	x		x	x	x	x	x	x	x	x	x	x		
Hardwood State Forest.....	85S	188, 672				x	x	x				x			x	x		x	x	x	x	x	x	x	x	x	x		
Alpena State Forest.....	99S	74, 401				x	x	x				x			x	x		x	x	x	x	x	x	x	x	x	x		
Thunder Bay River State Forest.....	107S	189, 476	M	x		x		x				x			x	x	x	x	x	x	x	x	x	x	x	x	x		
Pigeon River State Forest.....	108S	177, 185	M	x		x		x				x			x	x	x	x	x	x	x	x	x	x	x	x	x		
Au Sable State Forest.....	118S	290, 638	M	x		x		x				x			x	x	x	x	x	x	x	x	x	x	x	x	x		
Fife Lake State Forest.....	130S	189, 000	M	x		x		x				x			x	x	x	x	x	x	x	x	x	x	x	x	x		
Pere Marquette State Forest.....	145S	59, 797				x		x				x			x	x		x	x	x	x		x	x	x	x			
Chippewa River State Forest.....	159S	60, 828	M	x		x		x				x			x	x		x	x	x	x	x	x	x	x	x			
Houghton Lake State Forest.....	161S	326, 057	L	x		x		x				x			x	x	x	x	x	x	x	x	x	x	x	x			
Ogemaw State Forest.....	164S	181, 888	M	x		x		x				x			x	x		x	x	x	x	x	x	x	x	x	x		
Allegan State Forest.....	207S	32, 558	M	x		x		x				x			x	x	x		x	x	x	x	x	x	x				
Canoe trails:																													
Otter River.....	8S	25 mi.	M	A		x		x				x			x	x			x		x	x	x	x		x			
Flintsteel River.....	10S	7 mi.				x		x				x			x				x		x	x	x	x					
Ontonagon River.....	11S	175 mi.				x		x				x			x	x	x		x		x	x	x	x		x		x	
Black River.....	13S	30 mi.				x		x				x			x	x	x		x		x	x	x	x		x		x	
Presque Isle River.....	15S	93 mi.				x		x				x			x	x	x		x		x	x	x	x		x		x	
Net River.....	18S	25 mi.				x		x				x			x	x			x		x	x	x	x		x		x	
Paint River.....	20S	45 mi.	M		A	x		x				x			x	x			x		x	x	x	x		x			
Michigamme River.....	22S	50 mi.	M	A	A	x		x				x	x		x	x			x		x	x	x	x		x			
Brule River.....	23S	47 mi.	M	A		x		x				x			x	x			x		x	x	x	x		x			
Sturgeon River.....	25S	30 mi.	M	A		x		x				x			x	x			x		x	x	x	x		x			
Escanaba River.....	31S	72 mi.	M		A	x		x				x			x	x	x		x		x	x	x	x		x		x	
Menominee River.....	35S	110 mi.	M		A	x		x				x			x	x	x		x		x	x	x	x		x			
Au Train River.....	42S	17 mi.	M	A		x		x				x			x	x			x		x	x	x	x		x			
Manistique River.....	48S	75 mi.				x		x				x			x	x			x		x	x	x	x		x		x	
Two Hearted River.....	58S	25 mi.				x		x				x			x				x		x	x	x	x		x			
Taquamenon River.....	63S	63 mi.				x		x				x			x	x			x		x	x	x	x		x		x	
Waika River.....	68S	7 mi.				x		x				x			x				x		x	x	x	x		x			
St. Mary's River.....	71S	40 mi.				x	x								x	x			x		x	x	x	x		x			
Inland Water Route.....	86S	45 mi.	M	A		x									x	x			x		x	x	x	x					
Black River.....	88S	20 mi.				x									x				x		x	x	x	x					
Ocqueoc River.....	92S	30 mi.	M	A		x									x	x			x		x	x	x	x					
Thunder Bay River.....	98S	83 mi.	M	A	A	x									x	x			x		x	x	x	x					
Au Sable River.....	104S	75 mi.	M		A	x						x			x	x			x		x	x	x	x		x			
Jordan River.....	114S	15 mi.				x		x				x			x				x		x	x	x	x		x			
Finger Lakes.....	115S	60 mi.	L	A		x									x	x			x		x	x	x	x					
Manistee River.....	119S	215 mi.	M	A	A	x									x				x		x	x	x	x					
Betsie River.....	129S	44 mi.	M		A	x									x	x			x		x	x	x	x					
Boardman River.....	132S	40 mi.	M		A	x		x				x			x	x			x		x	x	x	x		x			
The Cut.....	134S	10 mi.	M	A		x									x				x		x	x	x	x					
Pine River.....	137S	58 mi.	M		A	x		x							x	x			x		x	x	x	x					
Little Manistee River.....	138S	60 mi.				x									x				x		x	x	x	x					
Big Sable River.....	139S	30 mi.	M	A		x		x				x			x	x			x		x	x	x	x		x			
Middle Branch Pere Marquette River.....	144S	10 mi.				x		x							x				x			x	x	x					
Pere Marquette River.....	146S	100 mi.				x		x				x			x	x	x		x		x	x	x	x		x			
White River.....	151S	60 mi.	M	A		x									x	x			x		x	x	x	x					
Muskegon River.....	154S	227 mi.	M	A		x									x	x			x		x	x	x	x					
Tittabawassee River.....	170S	60 mi.	M		A	x		x				x	x		x	x	x		x		x	x	x	x		x			
Saginaw River.....	171S	25 mi.				x									x				x		x		x						

See footnotes at end of table.



# MICHIGAN

	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
MICHIGAN																												
EXISTING AREAS—Continued																												
STATE—Continued																												
Canoe trails—Continued																												
Huron River.....	189S	75 mi.	M	A	x									x				x			x		x					
Grand River.....	195S	185 mi.	M	A	x									x	x			x		x	x							
Thornapple River.....	197S	47 mi.	M	A	A	x								x	x			x		x	x	x	x					
Kalamazoo River.....	206S	35 mi.	M	A	x		x				x			x	x			x		x	x	x	x			x		
Black River.....	209S	30 mi.			x		x							x				x		x		x						
Paw Paw River.....	211S	40 mi.	M	A	x									x				x		x	x	x	x					
St. Joseph River.....	213S	120 mi.	M	A	A	x						x		x	x			x		x	x		x					
MAJOR LOCAL																												
Recreation areas:																												
Keweenaw County Park.....	5L	363			x									x				x	x		x	x	x					
Houghton County Park.....	7L	22					x							x				x	x		x	x	x					
Gogebic County Parks (5 areas).....	14L	450			x		x							x				x	x		x	x	x					
Iron County Parks (12 areas).....	19L	1,600	M	A	x		x							x				x	x		x	x	x					
Dickinson County Parks (3 areas).....	32L	90			x		x							x				x			x	x						
Menominee County Parks (11 areas).....	37L	543					x							x				x			x	x						
Luce County Park.....	64L	37												x				x			x	x						
Charlevoix County Park.....	111L	160			x									x				x			x	x	x					
Missaukee County Park.....	135L	10												x				x				x						
Muskegon County Parks (6 areas).....	153L	230			x	x								x				x			x	x	x					
Newaygo County Parks (3 areas).....	155L	113			x		x							x				x			x		x					
Mecosta County Park.....	158L	72												x				x										
Osceola County Park.....	160L	55					x							x				x										
Sanilac County Park.....	176L	14												x				x										
Ingham County Parks (6 areas).....	196L	97	M	A										x				x				x						
Iona County Parks (2 areas).....	198L	202			x									x				x			x	x	x					
Montcalm County Parks (6 areas).....	199L	70												x				x										
Kent County Parks (17 areas).....	200L	1,350			x									x				x	x		x	x	x					
Ottawa County Parks (2 areas).....	201L	24												x				x										
Jackson County Parks (14 areas).....	218L	1,000			x									x				x	x		x	x	x					
Huron-Clinton Metropolitan Parks (8 areas).....	226L	8,875	M	A	x		x				x			x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Wayne County Parks (11 areas).....	228L	3,694			x									x				x	x			x	x					
Nature preserve: Tonquik Creek Forest and Wildlife Preserve.....	227L	550			x		x				x			x				x	x					x		x		
Monument: Historic: Converse Mound Group.....	232L													x		x	x											
MAJOR QUASI-PUBLIC AND PRIVATE																												
Monument: Historic: Sault St. Marie.....	233P											x		x		x	x											
Nature preserves:																												
Marion Island Nature Preserve.....	121P	75					x					x		x				x								x		
South Manitou Island Nature Preserve.....	123P	140					x					x		x				x								x		
POTENTIAL AREAS																												
NATIONAL																												
Park: Huron Mountains (3).....	28N	100,000					x				x				x	x	x	x	x	x	x	x	x	x		x		x
Lakeshores:																												
Pictured Rocks.....	55N	67,000					x							x		x	x	x	x	x	x	x	x	x		x		
Sleeping Bear.....	124N	77,000					x							x	x	x	x	x	x	x	x	x	x	x		x		
Parkway: Lake Superior Shoreline (Michigan portion) (3).....	4N	346 mi.				x	x	x				x		x		x	x	x	x	x	x	x			x			
See footnotes at end of table.																												

See footnotes at end of table.

MICHIGAN		Number on map	Acreage		Significant features								Type of use			Activities												
			Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE																												
Parks:																												
Keweenaw Point.....	3S	36,000						x	x								x	x		x	x	x	x	x		x		x
Fourteen Mile Point.....	9S	10,000						x	x								x	x	x	x	x	x	x	x		x		x
Mary Lake (3).....	34S	4,700		M	x		x		x								x			x	x	x	x	x		x		
Seul Choix.....	49S	5,500						x	x								x	x		x	x	x	x	x		x		
Point Patterson.....	50S	12,000						x	x				x				x			x	x	x	x	x		x		
Vermillion Beach (3).....	59S	3,200						x	x								x	x		x	x	x	x	x		x		
Lake Breeze.....	93S	1,400						x								x	x		x	x	x	x	x	x		x		
Forty Mile Point (3).....	94S	480						x								x	x		x	x	x	x	x	x				
Thompson's Harbor (3).....	96S	1,200						x								x			x	x	x	x	x	x				
South Point.....	100S	3,400						x								x			x	x	x	x	x	x				
Fisherman Island.....	113S	1,500						x								x	x		x	x	x	x	x	x		x		
Cat Head Bay.....	122S	3,000						x								x	x		x	x	x	x	x	x		x		
Herring Lake.....	128S	900						x								x	x		x	x	x	x	x	x		x		
Au Sable Point.....	166S	300						x								x	x		x	x	x	x	x	x				
Saugatuck.....	205S	1,400						x								x	x		x	x	x	x	x	x				
Thunder Mountain.....	210S	500						x								x	x		x	x	x	x	x	x		x		
Stevensville (3).....	212S	2,000						x								x	x	x	x	x	x	x	x	x				
Sherman Hills (3).....	216S	4,000							x			x				x	x		x	x	x	x	x	x				
Recreation areas:																												
Whitefish Bay.....	60S	600						x								x			x	x	x	x	x	x				
Alpena (3).....	97S	400						x								x	x		x	x	x	x	x	x				
Au Sable River (3).....	106S	2,500						x								x	x		x	x	x	x	x	x		x		
Pig Rapids (3).....	157S	500						x								x		x	x	x	x	x	x	x				
Lighthouse Point (3).....	175S	200						x								x	x		x	x	x	x	x	x				
St. Clair South.....	179S	45						x								x			x			x		x				
Tucker Bay (3).....	182S	250						x								x			x	x		x	x	x				
Fenton (3).....	194S	5,500						x								x	x		x	x	x				x	x		x
Bundy Hill (3).....	219S	4,800						x								x	x		x	x	x				x	x		
Rockwood Island (3).....	229S	700						x								x			x	x		x	x	x				
Rockwood (3).....	230S	1,000						x								x			x	x		x	x	x				
Monuments: Historic:																												
Raber Point.....	72S	5,800						x		x			x				x	x		x	x	x	x	x		x		
Fort Drummond.....	74S	550						x	x				x	x			x	x		x	x	x			x		x	
Nature preserves:																												
Bois Blanc (3).....	81S	695						x	x				x			x						x	x		x		x	
Tobico Marsh (3).....	168S	517						x					x			x			x	x	x	x	x		x		x	
Wilderness: Potaganissing Bay (3).....		75S	2,800					x	x				x				x	x			x	x	x	x	x		x	
Beach: Lakeside (3).....		183S	80					x								x				x			x					
Scenic roads:																												
Menominee to Straits of Mackinac via State Route 35 and U.S. Route 2 (4).....	38S	225 mi.						x	x				x			x	x	x	x	x								
Sault Ste. Marie to Straits of Mackinac via State Routes 129, 48, 134, and U.S. 2 (4)....	70S	105 mi.						x	x	x			x			x	x	x	x	x								
Straits of Mackinac to Ludington via State Route 131, U.S. 31, State 37, 22, and 109 (4)...	84S	285 mi.						x								x	x	x	x	x								
Straits of Mackinac to Au Gres via U.S. Route 23 (4).....	90S	190 mi.						x								x	x	x	x	x								
Free-flowing streams:																												
Tahquamenon River (3).....	62S	100 mi.						x		x			x			x	x			x	x	x	x	x		x		
Au Sable River (3).....	103S	180 mi.						x		x			x			x	x			x	x	x	x	x		x		
LOCAL																												
Parks:																												
Betsie Point.....	127L	500						x								x	x	x		x	x	x				x		

See footnotes at end of table.

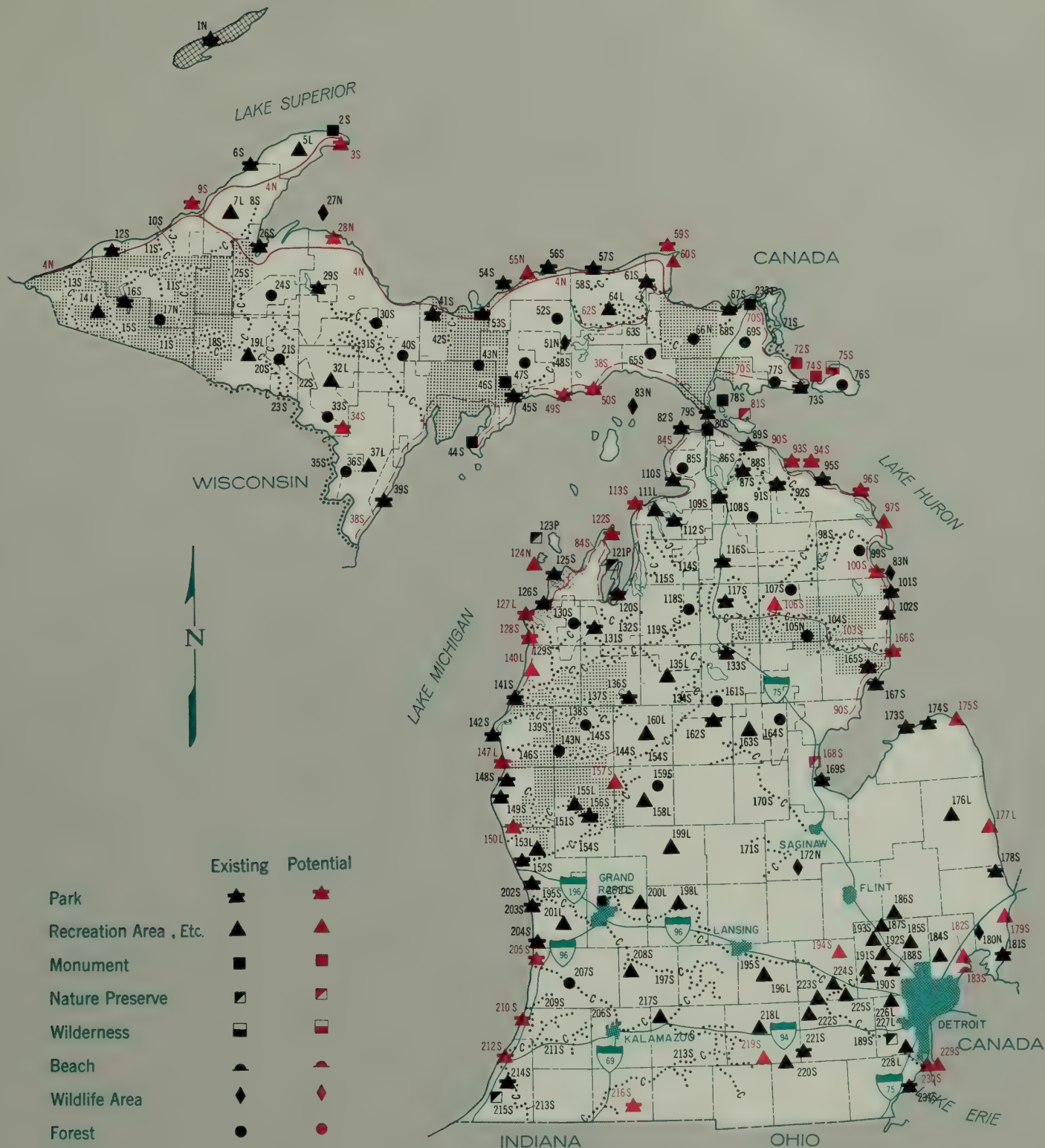


MICHIGAN	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
LOCAL—Continued																												
Parks—Continued																												
Bass Lake Dunes.....	147L	600					x							x	x	x		x	x	x	x	x	x	x		x		
Flower Creek Dunes.....	150L	1,200					x							x	x	x		x	x	x	x	x	x	x		x		
Recreation areas:																												
Arcadia (3).....	140L	700					x								x	x			x	x	x	x	x	x				
Port Sanilac.....	177L	50					x								x				x	x		x	x	x				

- (1) Where acreage not shown:  
 "S" indicates water surface under 500 acres.  
 "M" indicates water surface of 500 to 10,000 acres.  
 "L" indicates water surface over 10,000 acres.
- (2) An "A" indicates all or major portion of water surface acreage is adjacent to area.
- (3) Suggested area—qualifications not wholly determined. Further study required.
- (4) The shoreline can be followed more closely by using county and other improved roads.
- (5) Major additions recommended.
- (6) Eligible for Registered National Historic Landmark status.



A family visits Miners Castle, at the spectacular Pictured Rocks of Northern Michigan. This region of cliffs, beaches, dunes, woodlands, lakes and waterfalls has been proposed as a national lakeshore.



# MICHIGAN







# MINNESOTA

**M**INNESOTA, one of the Nation's outstanding lake regions, has diversified resources for outdoor recreation.

The State population in 1960 was 3,413,864, a 14-percent increase since 1950. The population density is 43 persons per square mile. Over a third of the people live in the Minneapolis-St. Paul urbanized area. Projections indicate a State population of 4,297,000 by 1976.

Tourism ranks fourth in the State's economy, with an estimated expenditure of \$325 million in 1958.

Most of the upper half of the State is attractively wooded. Lakes are distributed widely and, together with the rivers, comprise the foremost canoeing area of the United States. Summer daytime temperatures are moderate and nights pleasantly cool, and there is relief from the frequent hot weather and pollen of the midwestern plains. Winters are prolonged.

There are a number of historic sites associated with the Indians, early French exploration, the voyageurs, and westward expansion. Fort Snelling and the James J. Hill Home possess exceptional value in commemorating the history of the United States and are eligible for Registered National Historic Landmark status.

Wildlife is diversified, and the lakes are famous for variety of fish.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers 591 acres in 2 national monuments which had an attendance of 137,000 in 1960. The Forest Service administers 2 national forests totaling 2,523,825 acres in which there are 42 areas developed for recreation, and the Boundary Waters Canoe Area, a wilderness

area. The Bureau of Sport Fisheries and Wildlife administers five national wildlife refuges totaling 138,803 acres. The Bureau of Land Management manages 101,000 acres of public domain. The Corps of Engineers administers 470,100 acres in 21 water-control projects.

**STATE:** The Division of State Parks administers 73 areas, including 9 small historic sites not shown on the map, with a total of 129,116 acres. The 1960 attendance was 3,214,000. The State Historical Society has three sites amounting to 123 acres. The State Highway Department maintains 14 major waysides containing 134 acres, and 306 minor waysides.

The State Division of Forestry manages 2,428,757 acres in 33 areas; 200 acres in 25 sites are developed for primitive recreation. The Division of Game and Fish administers 629,387 acres in 18 areas and 691 public access sites totaling 1,300 acres.

**LOCAL:** There are 3,210 acres in 22 local parks near the Twin Cities, and 2,432 acres in 32 county parks in other parts of the State.

**QUASI-PUBLIC AND PRIVATE:** Areas include one historic site of 3 acres and four nature preserves of 3,520 acres.

**PRIVATE ENTERPRISE:** A significant role is played by private enterprise in providing lakeshore resorts, cabins, and campgrounds.

## PARK AND RELATED NEEDS

There is need to protect more land in southeastern wooded valleys, on the shore of Lake Superior and





Greer Lake, typical of Minnesota's vast wealth of lakes, has been proposed as a potential State park in Crow Wing County.

along the St. Croix River. More border lakes should be in public ownership. There are considerable unmet recreation needs near metropolitan centers, where additional State parks are urgently needed.

Existing State park and recreation areas provide 129,116 acres for 3,413,864 residents. By 1976 the State parks system should consist of over 200,000 acres.

With the approximately 6,000 acres of existing local areas and 15,208 acres listed as potential, perhaps as much as 50,000 acres of local areas will be needed additionally by 1976.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. Vigorous action on the following recommendations can, it is felt, help to provide needed outdoor recreation opportunities for public use and enjoyment.

**NATIONAL:** Further study of the Kabetogama Lake area for possible park purposes. Establishment of Pigeon Point Indian Park by the Grand Portage Band of Chippewa Indians.

**STATE:** Expansion of the State park system to preserve valuable resources by addition of 34 park and recreation areas and major additions to 25 existing areas. Further study of seven suggested sites. Designation and protection for 14 canoe trails, 8 scenic roads, and 4 free-flowing streams.

**LOCAL:** Establishment of 25 parks to meet needs, and further study of 1 suggested area.

Supporting recommendations include:

1. Preservation of high-quality areas in the northern section as State parks.
2. State-owned land on lakeshores should be withheld from cabinsite leasing or other development until



determination of public recreation or related uses can be made. Public access to these areas should be reserved.

3. Continuation of the Division of Forestry program of administering primitive-type campgrounds in State forests.
4. Cooperative planning between counties should be fostered and technical assistance provided in the formation of park systems through the Association

of County Commissioners. County park systems should be established in counties where there is a need for such action.

5. Advancement of the Great River Road project through continued cooperation of State and Federal agencies.
6. Continued expansion of the excellent system of waysides, with priority given to plans for serving recreation needs along Interstate Route 90.



Islands pattern Rainy Lake where Kabetogama Peninsula meets Black Bay. Here voyageurs' routes now offer exceptional opportunities for recreational boating.



See footnotes at end of table.

MINNESOTA	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface	Lake (7)	Reservoir (7)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Parks—Continued																												
Kilen Woods State Park (4)	198S	200				x	x				x			x				x	x	x			x					
Kaplan Woods State Park	205S	180				x	x				x			x			x	x	x	x								
Nerstrand Woods State Park (4)	207S	525					x				x			x				x	x	x								
Frontenac State Park (4)	210S	950				x	x				x	x		x		x	x	x	x	x			x					
Whitewater State Park (4)	214S	748	2		x	x	x				x			x		x		x	x	x		x	x			x		
John Latch State Park (4)	215S	350				x	x				x	x	x	x			x	x	x									
Beaver Creek Valley State Park (4)	223S	393				x	x				x			x				x	x	x								
Recreation areas:																												
Lake Bronson State Park	1S	746	500		x		x				x			x		x		x		x	x	x	x					
Old Mill State Park	2S	285	1		x	x		x			x			x		x		x	x	x		x	x					
Zippel Bay State Recreation Reserve	8S	2,761	861, 440	A			x				x			x				x	x	x	x	x	x					
Ray Berglund State Memorial Wayside	43S	39					x	x			x			x			x	x	x	x			x					
Split Rock State Scenic Wayside	53S	35					x	x			x						x	x										
Schoolcraft State Recreational Reserve	65S	294				x		x			x			x				x		x			x					
Pine Tree State Scenic Wayside	69S	31	3,000	x				x			x			x			x	x	x	x	x		x					
Buffalo River State Park	86S	391	1		x			x			x			x				x		x		x						
Inspiration Peak State Scenic Wayside	89S	82						x			x			x			x	x	x	x								
Father Hennepin State Memorial Park (4)	117S	251	115,000	x				x			x			x				x		x	x	x	x					
Monson Lake State Memorial Park	175S	199	70		x			x			x			x				x		x	x	x	x					
Pomme de Terre State Recreational Reserve	177S	363	40	x				x			x			x				x		x	x	x	x					
Toqua Lakes State Scenic Wayside	178S	40	500	x							x			x				x				x	x					
Flandrau State Park	191S	836	5		x	x		x			x			x				x		x	x	x						
Sleepy Eye State Scenic Wayside	192S	40	200	x							x			x				x			x	x	x					
Split Rock Creek State Recreation Reserve	196S	228	40		x	x					x			x				x		x	x	x	x					
Minneopa State Park	202S	140				x		x			x			x			x	x	x	x								
Helmer Myre State Park	206S	119	2,500	x				x			x			x			x	x		x	x							
Oronoco State Scenic Wayside	211S	105	200	x				x			x			x			x	x		x	x		x					
Garvin Heights State Scenic Wayside	216S	13						x			x	x		x			x	x	x									
Monuments: Historic:																												
Old Crossing Treaty State Historic Wayside	83S	111				x		x				x		x		x		x				x						
Kathio-Mille Laçs	114S	112	115,000	A				x				x		x			x											
Le Duc Home	136S	1										x		x			x											
Charles A. Lindbergh State Memorial Park	170S	110				x						x		x			x	x	x									
Camp Release State Memorial Wayside	182S	18										x					x	x										
Joseph R. Brown State Memorial Wayside (4)	184S	203										x		x				x										
Birch Coulee State Memorial Park (4)	188S	82				x		x				x		x			x	x		x								
Nature preserves:																												
St. Croix Islands State Scenic Reserve	135S	39				x		x			x			x			x											
James A. Carley State Park	213S	211						x				x		x														
Forests:																												
Northwest Angle State Forest	7S	10,264	861,440					x				x		x							x			x			x	
Beltrami Island State Forest	9S	338,863	375	x		x		x				x		x				x	x	x			x	x			x	
Pine Island State Forest	12S	461,347	861	x		x		x				x		x							x		x	x			x	
Koochiching State Forest	17S	156,004	784	x		x		x				x		x				x	x	x			x	x			x	
Kabetogama State Forest	20S	246,181	76,320	x		x		x				x		x			x	x	x	x	x	x	x	x			x	
Burntside State Forest	27S	20,000						x				x		x				x			x		x	x			x	
Grand Portage State Forest	33S	37,298	6,364	x		x		x				x		x				x	x	x	x	x	x	x			x	
Minnesota State Forest	42S	209,361						x				x		x					x								x	
Finland State Forest	49S	21,921	560	x		x		x			x	x		x			x	x	x	x			x	x			x	
Cloquet Valley State Forest	56S	32,329	6,240	x		x		x				x		x				x			x	x	x	x			x	
George Washington State Forest	61S	116,109	18,240	x		x		x				x		x				x	x	x	x	x	x	x			x	
Bowstring State Forest	66S	119,017				x		x				x		x							x	x	x	x			x	
Third River State Forest	68S	23,652	811	x				x				x		x									x	x			x	



# MINNESOTA

MINNESOTA	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Forests—Continued																												
Black Duck State Forest.....	70S	10, 512	5, 245	x				x				x			x				x	x	x	x	x	x	x			
Buena Vista State Forest.....	71S	17, 475	9, 792	x				x				x			x				x		x	x	x	x	x			
Mississippi Headwaters State Forest.....	73S	11, 388	2, 800	x		x		x				x			x			x			x	x	x	x	x			
Paul Bunyan State Forest.....	74S	65, 115	5, 950	x				x				x			x				x	x	x	x	x	x	x			
White Earth State Forest.....	76S	32, 796	9, 775	x				x				x			x						x	x	x	x	x			
Smoky Hills State Forest.....	93S	24, 387	13, 870	x				x				x			x						x	x	x	x	x			
Foothills State Forest.....	95S	27, 465	10, 700	x				x				x			x				x	x	x	x	x	x	x		x	
Pillsbury State Forest.....	99S	10, 018	7, 400	x				x				x			x						x	x	x	x	x			
Crow Wing State Forest.....	103S	30, 002	25, 640	x				x				x			x				x	x	x	x	x	x	x			
Land of Lakes State Forest.....	107S	19, 160	10, 014	x				x				x			x				x	x	x	x	x	x	x			
Savanna State Forest.....	109S	197, 023	12, 660	x		x		x				x			x						x	x	x	x	x		x	
Mille Lacs State Forest.....	112S	11, 562	2, 360	x				x				x			x				x	x	x	x	x	x	x			
White Pine State Forest.....	118S	58, 250	79	x				x				x			x									x	x			
Fond du Lac State Forest.....	119S	41, 088	200	x				x				x			x									x	x			
Nemadji State Forest.....	124S	51, 823						x				x			x					x					x			
General C. C. Andrews State Forest.....	125S	4, 318						x				x			x										x			
St. Croix State Forest.....	126S	4, 133						x				x			x										x			
Chengwatana State Forest.....	129S	10, 320						x				x			x							x	x		x			
Rum River State Forest.....	149S	6, 137	3, 320	x		x		x				x			x							x	x	x	x			
Sand Dunes State Forest.....	150S	3, 439	182	x				x				x			x				x	x	x	x	x	x				
Canoe trail: Voyageurs Route.....	31S	250 mi.		x		x		x				x			x				x	x	x	x	x	x	x		x	
MAJOR LOCAL																												
Parks:																												
Eveleth Park.....	57L	45	500	A				x				x			x			x	x		x		x	x				
Tilbert Park-Polk County Park Board.....	80L	30	350	A				x							x			x	x		x	x	x	x				
Ramsey County Board (13 areas).....	141L	622	2, 500	A				x							x				x		x	x	x	x				
Bunker Lake-Anoka County Board.....	142L	700	80	A				x							x				x		x	x	x	x				
Hennepin County Park Reserve District (4 areas).....	155L	1, 492	13, 000	A				x				x			x				x		x	x	x	x		x		
Village of Edina Park.....	163L	415						x											x		x							
Alexander Ramsey Park (Redwood Falls).....	186L	185						x							x				x	x	x							
Recreation areas:																												
Lower Red Lake Indian Park.....	81L	30	95, 000	A				x							x			x	x		x	x		x				
Kandiyohi County Parks (5 areas).....	173L	60	10, 000	A				x							x				x		x	x	x	x				
Forest: Crow Wing County Memorial Forest.....	102L	2, 000						x		x					x				x	x	x	x		x				
MAJOR QUASI-PUBLIC AND PRIVATE																												
Monument: Historic: Mendota Historic Homes.....	139P	3											x		x													
Nature preserves:																												
Red River Prairie.....	84P	80								x			x		x											x		
Cedar Creek Forest.....	144P	3, 200	300	A				x				x			x											x		x
Winger Tract.....	145P	160						x				x			x											x		
Crooked Creek.....	224P	80						x				x			x											x		
POTENTIAL AREAS																												
NATIONAL																												
Parks:																												
Kabetogama Lake area (2).....	19N	100, 000	35, 000	A				x				x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Pigeon Point Indian Park (3).....	35N	10, 618						x	x			x			x	x	x	x	x	x	x	x	x		x		x	x
See footnotes at end of table.																												

MINNESOTA	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface	Lake (7)	Reservoir (7)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued STATE																												
Parks:																												
Northwest Angle.....	6S	500	861, 440	A				x				x	x		x	x	x		x	x	x	x	x	x		x		x
Upper Red Lake (2).....	11S	2, 400	95, 000	A				x				x			x	x	x	x	x	x	x	x	x	x		x		x
Black Bay.....	18S	2, 000	208, 000	A				x				x			x	x	x		x	x	x	x	x	x		x		x
Pelican Lake (2).....	21S	1, 250	11, 000	A				x				x			x	x	x	x	x	x	x	x	x	x		x		x
Grassy Bay.....	22S	3, 000	10, 000	A				x				x			x	x			x	x	x	x	x	x		x		x
Norwegian Bay-Vermillion Lake.....	24S	1, 700	32, 000	A				x				x			x	x			x	x	x	x	x	x		x		x
Horseshoe Bay.....	38S	600						x	x			x		x	x	x	x	x	x	x	x	x	x	x		x		x
Dyers Lake-Superior Rocks.....	46S	1, 500	200	x				x	x			x		x	x	x	x	x	x	x	x	x	x	x		x		x
Manitou Rocks.....	51S	600						x	x			x		x	x	x	x	x	x	x	x	x	x			x		x
Split Rock.....	54S	1, 200						x	x			x		x	x	x	x	x	x	x	x	x	x			x		x
Thistledeew-Buttonbox-Larson-Bass Lakes.....	60S	5, 880	1, 150	x				x				x			x	x			x	x	x	x	x	x		x		x
O'Reilley Lake.....	63S	1, 000	400	A				x				x			x	x			x	x	x	x	x	x		x		x
Wabana Lake.....	64S	1, 000	2, 300	A				x				x			x	x			x	x	x	x	x	x		x		x
Little Elbow Lake.....	78S	2, 950	300	x				x				x			x	x			x	x	x	x	x	x		x		x
Maplewood.....	87S	4, 500	400	x				x				x			x	x	x		x	x	x	x	x	x		x		x
Island Lake (2).....	92S	500	700	A				x				x			x	x			x	x	x	x	x	x		x		x
Big Portage Lake.....	97S	1, 100	950	A				x				x			x	x			x	x	x	x	x	x		x		x
Pillager Hills-Long Lake.....	98S	850	150	x				x				x			x	x			x	x	x	x	x	x		x		x
Greer Lake.....	104S	1, 300	400	x				x				x			x	x			x	x	x	x	x	x		x		x
Washburn Lake.....	105S	640	1, 920	A				x				x			x	x			x	x	x	x	x	x		x		x
Grindstone Lake.....	119AS	500	600	A				x				x			x	x			x	x	x	x	x	x		x		x
Sunrise-St. Croix River.....	131S	2, 500				x		x				x			x	x			x	x	x	x	x	x		x		x
White Pines-Long Lake.....	146S	2, 150	380	x				x				x			x	x			x	x	x	x	x	x		x		x
Lake Frances.....	167S	1, 200	1, 000	A				x				x			x	x			x	x	x	x	x	x		x		x
Lynden Township Lakes.....	169S	2, 030	280	x				x				x			x	x			x	x	x	x	x	x		x		x
Big Birch Lake.....	171S	700	2, 100	A				x				x			x	x			x	x	x	x	x	x		x		x
Signalness Hill.....	176S	800	40	x				x				x			x	x			x	x	x	x	x	x		x		x
Upper Sioux Agency.....	183S	300				x		x				x			x	x			x	x	x	x	x	x		x		x
Upper Sakatah Lake.....	204S	400	700	A				x				x			x	x			x	x	x	x	x	x		x		x
Forestville.....	221S	3, 000				x		x				x	x	x	x	x			x	x	x			x		x		x
LaMoille.....	226S	2, 000						x				x			x	x	x		x	x	x		x			x		x
Recreation areas:																												
Clear River (Warroad) (2).....	5S	320				x		x				x			x	x			x	x	x		x			x		x
Bear Island Lake.....	26S	200	2, 500	A				x				x			x	x			x	x	x	x	x	x		x		x
Union Lake (2).....	82S	500	1, 100	A				x				x			x	x			x	x	x	x	x	x		x		x
Linwood Lake (2).....	143S	850	700	A				x				x			x				x	x	x	x	x	x		x		x
Sand Dunes.....	151S	750	40	A				x				x		x	x	x			x	x	x	x	x	x		x		x
Rice Lake.....	206AS	1, 720	700	x				x				x			x				x	x	x	x	x	x		x		x
Stocton Creek.....	217S	916				x		x				x			x	x			x	x	x			x		x		x
Lake Louise.....	220S	600	20			x	x	x				x			x				x	x	x	x	x	x		x		x
Monuments: Historic:																												
Grand Mound Archeologic Site.....	15S	64				x						x			x			x	x	x			x			x		x
Ramsey House.....	140S	1													x			x										
Kelley Home.....	152S	192				x									x			x		x								
Sinclair Lewis Home.....	172S	1													x			x										
Lower Sioux Agency.....	187S	50													x			x										
Harkin Store.....	190S	10													x			x										
Mayo Home.....	203S	1													x			x										
Yucatan Archeologic Site (2).....	222S	400										x	x	x					x	x	x					x		x
Scenic roads:																												
Great River Road.....	4S	650 mi.				x		x				x	x	x	x			x	x	x	x	x	x			x	x	
State Route 72.....	10S	33 mi.										x			x			x		x						x	x	
Rainy River Route.....	13S	41 mi.				x		x				x			x			x	x	x	x					x	x	
See footnotes at end of table.																												



## MINNESOTA

MINNESOTA	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Scenic roads—Continued																												
State Route 1.....	50S	192 mi.				x		x				x			x		x	x	x		x			x	x			
Route 113.....	79S	28 mi.			x			x				x			x		x	x						x	x			
Mille Lacs Lake Drive.....	113S	37 mi.			x			x				x	x		x		x	x	x	x				x	x			
North Shore Drive.....	122S	155 mi.			x			x	x			x	x		x		x	x	x		x				x			
Minnesota River Route.....	185S	221 mi.					x	x				x	x		x		x	x	x		x			x	x			
Free-flowing streams:																												
Bois Brule River (2).....	32S	30 mi.				x		x						x	x			x							x	x		x
Pigeon River.....	34S	80 mi.					x	x						x	x			x							x	x		x
St. Louis River (2).....	120S	45 mi.					x	x							x										x	x		
St. Croix River.....	130S	75 mi.					x	x							x										x	x		x
Canoe trails:																												
Rainy River.....	14S	80 mi.			x		x	x				x			x							x						
Big Fork River.....	16S	80 mi.					x	x				x			x							x						
Vermillion River.....	23S	40 mi.				x		x							x													x
Red River of the North (see North Dakota).....	85S	65 mi.																										
Otter Tail River.....	88S	75 mi.					x	x				x			x							x						
Potato Lake.....	94S	60 mi.			x		x	x				x			x							x		x				
Crow Wing River.....	100S	30 mi.					x	x				x			x							x						
Mississippi River.....	108S	275 mi.			x		x	x				x			x		x	x				x		x				
St. Louis River.....	121S	35 mi.					x	x				x			x							x						
Kettle River.....	128S	25 mi.					x	x				x			x							x						
St. Croix River.....	132S	120 mi.					x	x				x			x		x					x						x
Rum River.....	148S	100 mi.					x	x				x			x							x						x
Minnesota River.....	180S	200 mi.					x	x				x			x							x						
Cannon River.....	209S	20 mi.					x	x				x			x							x						
LOCAL																												
Parks:																												
Carey Lake.....	58L	1,400	260	x				x				x			x			x	x	x	x	x	x	x	x	x	x	
Juggler Lake.....	77L	400	350	A				x				x			x			x	x	x	x	x	x	x	x	x		
Pine Mountain Lake.....	96L	320	1,400	A				x				x			x			x	x	x	x	x	x	x	x	x		
Squaw and Papoose Lakes.....	106L	1,440	200	x				x				x			x			x	x			x	x	x	x	x		
Spring Lake-Hastings Bluff.....	137L	750			x			x				x	x		x			x	x	x	x		x	x	x	x		
Green Lake.....	147L	440	600	A				x				x			x			x				x	x	x	x	x		
Berning's Mill.....	153L	300						x				x			x			x				x		x		x		
Crow River.....	154L	300						x				x			x			x						x		x		
Elm Creek.....	156L	2,000	25	x				x				x			x			x								x		
Lake Sarah.....	157L	400	250	x				x				x			x			x				x	x	x		x		
Wolsfield Lake.....	158L	700	50	x				x				x			x			x				x	x	x		x		
Whaletail Lake.....	159L	550	250	x				x				x			x			x	x			x	x	x		x		
Halstad's Bay.....	160L	700	8,500	A				x				x			x			x				x	x	x		x		
Gray's Bay.....	161L	850	300	x				x				x			x			x				x	x	x		x		
Nine Mile Creek.....	162L	2,000						x				x			x			x								x		
Boiling Spring.....	164L	30						x				x			x				x	x	x					x		
Millers Lake.....	165L	600	200	x								x	x		x			x	x	x		x	x	x		x		
Lake Washington.....	166L	30	2,400	A				x				x			x			x				x	x	x		x		
Clearwater Mill.....	168L	40				x		x				x			x			x	x							x		
Loon Lake.....	199L	245	600	A				x				x			x		x		x			x	x	x		x		
Lake Hanska.....	200L	80	1,300	A				x				x			x			x				x	x			x		
Bass Lake.....	201L	110	130	A				x				x			x			x				x	x	x		x		
Byllesby Reservoir.....	208L	200	1,435		A										x			x				x	x					
Zumbro Reservoir (2).....	212L	300	750		A										x			x				x	x	x		x		

See footnotes at end of table.

MINNESOTA	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
LOCAL—Continued																												
Parks—Continued																												
Trout Creek.....	218L	1,000				x		x					x						x	x	x				x	x		
Fugle's Mill.....	219L	23				x		x					x	x	x				x	x	x				x	x		

- (1) An "A" indicates water surface acreage is adjacent to area.  
 (2) Suggested area—qualifications not wholly determined. Further study required.  
 (3) Recommended for administration by the Grand Portage Band and the Chippewa Tribal Council.  
 (4) Major additions recommended.  
 (5) Eligible for Registered National Historic Landmark status.  
 (6) Land being acquired.



A quiet reach of the St. Croix River. The scenic and recreational values of such free-flowing streams should be preserved.

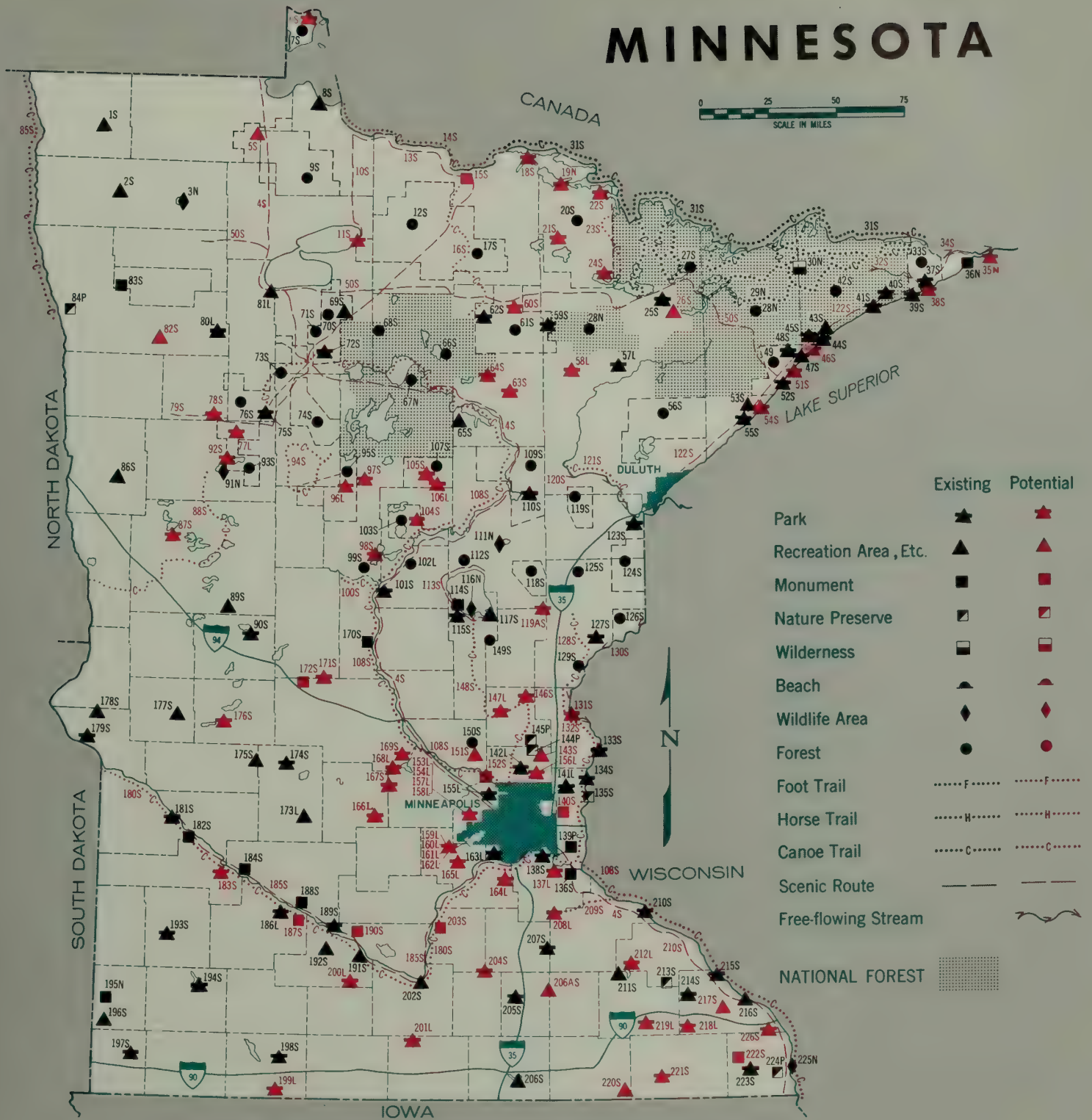




The high falls of the Pigeon River could be a part of the suggested Pigeon Point Indian Park.



# MINNESOTA







# MISSOURI

**M**ISSOURI, with the junction of the Missouri and Mississippi Rivers, was the gateway to the West. Its history dates back to the early French explorers.

In 1960 the State population was 4,319,813, a 9-percent increase from 1950. Sixty-seven percent of the people reside in urban areas. The population density is 63 per square mile, ranging from 6 in Reynolds County in the southeast to 1,416 in St. Louis County and 12,296 in St. Louis City. Major metropolitan areas are St. Louis, Kansas City, Springfield, and St. Joseph. Projections indicate a population of 5 million by 1976.

The tourist industry ranks second in the State's economy. The estimate of tourist expenditures in 1960 was \$607 million. The Ozark region and large reservoir impoundments offer potentialities for further development of the industry.

The recreation resources of the State are readily accessible to the large metropolitan areas of the Midwest.

The long spring and fall seasons are delightful, especially in the Ozarks, offering forested hills, clear spring-fed streams, semiwilderness experiences, and several major reservoir impoundments. The Mississippi and Missouri Rivers also are important in the recreation picture. There are many historic and archeologic sites manifesting the significance of Indian cultures and the State's role in the fur trade and westward expansion. The town of Sainte Genevieve, the Patee House in St. Joseph, Fort Osage, and Graham Cave possess exceptional value in commemorating the history of the United States and are eligible for Registered National Historic Landmark status.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers a national historic site of 83 acres and a national monument of 210 acres, with attendance of 94,899 in 1960. The Forest Service administers two national forests covering 1,352,421 acres in Missouri. The Bureau of Sport Fisheries and Wildlife administers three national wildlife refuges containing 39,449 acres. The Corps of Engineers operates three reservoirs totaling 118,447 acres, plus two others lying mostly in Arkansas.

**STATE:** The Missouri State Park Board administers 36 areas totaling 69,138 acres, with an attendance of 6,044,124 in 1960. The Missouri Conservation Commission administers 79 forests and wildlife areas of 344,728 acres, including the 245,267 acres in the 29 areas tabulated. The Missouri Highway Commission maintains 102 roadside parks.

**LOCAL:** Two major nonurban recreation areas of 4,093 acres are operated by local agencies.

**QUASI-PUBLIC AND PRIVATE:** There are 11 major quasi-public and private areas providing 8,506 acres for public use.

**PRIVATE ENTERPRISE:** Significant privately operated facilities and services are provided in the Ozarks, at reservoirs and along the Mississippi.

## PARK AND RELATED NEEDS

The outstanding need is for day-use areas in proximity to urban areas, especially near Kansas City and Joplin. The State park system needs to be rounded out to include significant scientific and historic sites and a few outstanding natural areas. The



extreme southeastern corner of the State lacks recreation opportunities. There is need for protection of free-flowing streams, for development of recreation water impoundments, and for development of scenic roads along the Mississippi and Missouri Rivers and in the Ozarks.

Existing State areas total 69,141 acres for over 4 million residents, and there are an additional 4,093 acres of nonurban local areas. Potential areas of State significance identified in this plan total 31,000 acres, and potential local areas identified total 81,720 acres.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are offered to help provide needed outdoor recreation opportunity.

To be effective, they will need to be implemented by vigorous action on the part of agencies concerned.

**NATIONAL:** Establishment of Wilson's Creek National Battlefield and Ozark National Rivers.

Study of the feasibility and desirability of establishing Research Cave and Graham Cave National Monuments.

**STATE:** Action at the State level to conserve and use valuable recreation resources. Recommended are four parks and three monuments. Two additional parks are suggested for study.

Consideration of a system of scenic roads. One scenic road is recommended; three others are suggested for further study.

Preservation and proper development of remaining free-flowing streams. Two such streams are suggested.

Designation of a system of canoe (or john-boat) trails. Seven trails are suggested for initial consideration.



Portions of the Current and Eleven Point Rivers in the Ozark region of Missouri, two of the Nation's finest free-flowing streams, have been proposed for national river status.

MASSIE, MISSOURI RESOURCES COMMISSION.



**LOCAL:** Expansion of local park systems and programs. Recommended are four parks, four recreation areas, and two nature preserves. Suggested for additional study are four parks, seven recreation areas, and one nature preserve.

Supporting recommendations include—

1. Additions to some existing areas to eliminate in-holdings, to incorporate additional desirable features, to improve ease of administration, or to protect existing values by adjustment of boundaries.
2. Investigation of possibilities of providing better access to reservoirs and to major streams.
3. Acquisition and development of additional recreation areas by Jackson County.
4. Establishment of regional park and planning commissions by joint action of counties and States in the St. Louis area.
5. Formation of a park department in Greene County (Springfield).
6. Exploration of the possibility of orderly development of the Table Rock Reservoir and for the southeastern Ozarks in the vicinity of the proposed Ozark National Rivers.
7. Acquisition by a State agency of lands adjacent to metropolitan areas and suitable for recreation development, such lands to be held pending establishment of local agencies capable of providing for their proper development.
8. Consideration by the Highway Department of revising its wayside policy so as to acquire and develop wayside parks more actively.
9. Establishment of State controls on roadside advertising.



More than 9,000 years ago, Indian hunters dwelled in Graham Cave, in a bluff above the Loutre River, Missouri.



MISSOURI	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River (1)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Recreation areas:																												
Clearwater Reservoir . . . . .	79N	18, 947	10, 350	x			x							x	x		x	x		x	x	x	x	x				
Table Rock Reservoir (Missouri portion) . . . . .	115N	55, 000	43, 100	x			x							x	x		x	x		x	x	x	x	x				
Wappapello Reservoir . . . . .	125N	44, 500	5, 200	x			x							x	x		x	x		x	x	x			x			
Monuments: Historic:																												
Jefferson National Expansion Memorial National Historic Site . . . . .	60N	83				A						x		x		x	x											
George Washington Carver National Monument . . . . .	112N	210										x		x		x	x											
Forests:																												
Missouri National Forest . . . . .	80N	900, 615				x	x				x		x	x	x	x	x	x	x	x	x	x	x	x				x
Shawnee National Forest (Missouri portion) . . . . .	123N	451, 806				x	x				x		x	x	x	x	x	x	x	x	x	x	x	x				x
Wildlife areas:																												
Squaw Creek National Wildlife Refuge . . . . .	2N	6, 809	4, 760	x	x						x			x			x	x				x		x		x		
Swan Lake National Wildlife Refuge . . . . .	20N	10, 977	4, 100	x							x			x			x	x				x		x	x	x		
Mingo National Wildlife Refuge . . . . .	127N	21, 663	15, 000	x	x		x				x			x			x	x								x		
STATE																												
Parks:																												
Crowder State Park . . . . .	5S	640	20	x			x				x			x	x		x	x	x	x	x	x	x			x		
Thousand Hills State Park . . . . .	6S	3, 152	703	x			x				x			x	x		x	x	x	x	x	x	x			x		
Cuivre River State Park . . . . .	12S	5, 822	85	x			x				x	x		x	x		x	x	x	x	x	x	x			x		
Mark Twain State Park . . . . .	14S	1, 192				x	x				x			x			x	x	x	x					x		x	
Van Meter State Park . . . . .	19S	641					x				x	x		x			x	x	x	x						x		
Pershing State Park . . . . .	22S	1, 836	10	x			x				x			x			x	x	x	x					x		x	
Knob Noster State Park . . . . .	39S	3, 441	50	x			x				x			x			x	x	x	x					x		x	
Meramec State Park . . . . .	65S	7, 153				x	x				x			x	x		x	x	x	x	x	x	x			x		
Washington State Park . . . . .	68S	1, 101				x	x	x			x	x		x	x		x	x	x	x	x	x	x			x		
Hawn Tract . . . . .	73S	1, 500		(Undeveloped)																								
Trail of Tears State Park . . . . .	75S	3, 256					x				x	x		x	x		x	x	x	x	x	x			x		x	
Sam A. Baker State Park . . . . .	78S	4, 898				x	x				x			x	x		x	x	x	x	x	x			x		x	
Johnson Shut-ins State Park . . . . .	82S	2, 478				x	x				x			x	x		x	x	x	x	x	x			x		x	
Alley Spring State Park . . . . .	86S	407				x	x				x			x	x		x	x	x	x	x	x	x			x		
Round Spring State Park . . . . .	87S	75				x	x				x	x		x	x		x	x	x	x	x	x			x		x	
Montauk State Park . . . . .	88S	846				x	x				x			x	x		x	x	x	x	x	x			x		x	
Lake of the Ozarks State Park . . . . .	95S	16, 335	60, 800	A			x				x			x	x		x	x	x	x	x	x	x			x		
Bennett Spring State Park . . . . .	98S	730				x	x				x			x	x		x	x	x	x	x	x			x		x	
Roaring River State Park . . . . .	114S	2, 988				x	x				x			x	x		x	x	x	x	x	x	x			x		
Big Spring State Park . . . . .	124S	5, 836				x	x				x			x	x		x	x	x	x	x	x	x			x		
Lake Wappapello State Park . . . . .	126S	1, 854	5, 200	A			x				x			x	x		x	x	x	x	x	x	x			x		
Recreation areas:																												
Big Lake State Park . . . . .	1S	111	625	A										x	x		x	x		x	x	x	x					
Wakonda State Park . . . . .	8S	300	200	x										x			x	x			x	x	x					
Wallace State Park . . . . .	24S	160	10	x			x				x			x			x	x	x	x	x	x	x			x		
Lewis and Clark State Park . . . . .	27S	61	400	A										x			x	x			x	x	x					
Pomme de Terre State Park . . . . .	100S	496	7, 820	A			x							x	x		x	x	x	x	x	x	x			x		
Table Rock State Park . . . . .	118S	552	43, 100	A										x			x	x	x	x		x	x	x		x		
Monuments:																												
Scientific: Big Oak Tree State Park . . . . .	129S	1, 007	22	x			x				x			x			x	x	x	x		x	x	x		x		
Historic:																												
Boones Lick State Park . . . . .	17S	17		x			x						x		x			x	x								x	
Arrow Rock State Park . . . . .	18S	35												x			x	x	x	x								
General John J. Pershing Boyhood Home . . . . .	23S	1												x			x											
Confederate Memorial State Park . . . . .	32S	95												x	x		x											
Civil War Battle of Lexington State Park . . . . .	33S	77												x			x											

See footnotes at end of table.

MISSOURI	Number on map	Acreage		Significant features										Type of use				Activities										
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River (1)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Monuments: Historic—Continued																												
Fort Zumwalt State Park . . . . .	53S	48										x		x				x		x								
First State Capitol . . . . .	56S											x		x				x										
Truman Birthplace . . . . .	110S											x		x				x										
Nature preserve: Rockwoods Reservation . . . . .	63S	1,785					x				x			x				x	x	x						x		
Wildlife areas:																												
Lake Paho Wildlife Area . . . . .	4S	754	273	x										x				x	x			x	x		x	x		
Upper Mississippi Wildlife Area . . . . .	11S	12,093			A		x							x							x	x		x	x	x		
Marshall I. Diggs Wildlife Area . . . . .	13S	860	15	x										x				x	x					x	x			
Hunnewell Wildlife Area . . . . .	15S	1,200	228	x										x				x	x			x		x				
Fountain Grove Wildlife Area . . . . .	21S	3,861	2,150	x										x				x	x			x		x	x			
Trimble Wildlife Area . . . . .	28S	805	170	x										x				x	x			x		x	x			
James A. Reed Memorial Wildlife Area . . . . .	38S	2,180	130	x										x				x	x					x	x	x		
Haysier A. Poague Wildlife Area . . . . .	40S	870	37	x														x	x		x			x	x			
Montrose Wildlife Area . . . . .	42S	3,600	1,500	x				x						x				x	x			x		x	x			
Little Dixie Lake Wildlife Area . . . . .	46S	205	205	x										x				x	x			x		x				
August A. Busch Wildlife Area . . . . .	55S	7,000	250	x				x						x				x	x	x				x		x		
Schell-Osage Wildlife Area . . . . .	108S	6,000			A			x			x																	
Mincy Wildlife Area . . . . .	119S	3,580						x						x				x	x		x				x			
Duck Creek Wildlife Area . . . . .	128S	6,009	1,773	x				x						x				x	x		x	x		x	x			
Forests:																												
Du Pont Reservation . . . . .	10S	1,242			A		x							x				x	x					x				
Daniel Boone Memorial Forest . . . . .	50S	2,250					x							x				x	x	x				x	x	x		
Huzzah State Forest . . . . .	66S	6,078					x		x					x				x	x	x	x			x	x	x		
Sam A. Baker Forest and Coldwater Hunting Area . . . . .	77S	19,860						x						x				x	x		x				x			
Current River State Forest . . . . .	83S	31,500					x		x						x				x	x	x			x	x	x		
Deer Run State Forest . . . . .	84S	120,282						x						x				x	x	x				x				
Indian Trail Forest and Refuge . . . . .	90S	13,253						x						x				x										
MAJOR LOCAL																												
Recreation areas:																												
Lake Jacomo and Prairie Lee Lake . . . . .	36L	3,673	1,000	x				x						x				x	x	x	x	x		x		x		
Creve Coeur Lake Memorial Park . . . . .	57L	420		A				x						x				x	x			x		x				
MAJOR QUASI-PUBLIC AND PRIVATE																												
Parks:																												
Edmund A. Babler State Park . . . . .	62P	2,400						x				x		x				x	x	x							x	
Meramec Springs Recreation Area . . . . .	92P	1,700					x		x			x	x	x				x	x					x	x			
Recreation areas:																												
Fellows Lake Recreation Area . . . . .	101P	820	800	x										x								x		x				
McDaniels Lake Recreation Area . . . . .	102P	700	650	x										x				x	x			x		x				
Lake Springfield . . . . .	105P	1,208	1,000	x										x				x	x			x		x				
Monuments:																												
Scientific: Missouri Botanical Gardens and Arboretum . . . . .	61P	1,675					x		x			x	x	x				x		x							x	
Historic:																												
Jackson County Jail . . . . .	35P												x		x			x										
Robert Campbell House . . . . .	58P												x		x			x	x									
Bolduc House (2) . . . . .	72P												x		x			x	x									
Log Cabin College . . . . .	74P	1											x		x			x										
Old McKendree Chapel . . . . .	76P	2											x		x			x	x									

See footnotes at end of table.



		Number on map	Acreage		Significant features								Type of use				Activities												
			Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River (1)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
MISSOURI																													
POTENTIAL AREAS																													
NATIONAL																													
Rivers: Ozark .....		85N	113,000				x		x			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Monuments: Historic:																													
Research Cave (4) .....		47N	1,500						x					x	x	x	x	x	x	x	x	x					x		
Graham Cave (4)(5) .....		49N	265						x					x	x	x	x	x	x								x		
Wilson's Creek National Battlefield (3) .....		104N	1,730						x	x				x		x	x	x	x	x	x								
STATE																													
Parks:																													
Saverton Hills .....		9S	2,400				A		x	x			x			x			x	x	x	x	x		x		x		
Nodaway River Valley .....		25S	10,000	500		x			x				x			x	x		x	x	x	x	x	x	x	x	x		
State Capital (4) .....		45S	2,000						x				x	x		x			x	x	x						x		
Schlict Mill (4) .....		94S	8,000						x				x	x		x	x	x	x	x	x	x	x	x	x	x	x		
Ha Ha Tonka .....		96S	1,500	60,800		A	x		x				x		x	x	x	x	x	x	x						x		
Halley's Bluff and Blue Mound .....		109S	1,000				A		x				x	x		x		x	x	x	x						x		
Monuments:																													
Scientific:																													
Elephant Rocks .....		81S	2,000						x						x	x		x	x	x	x	x					x		
Grand Gulf .....		122S	2,500						x				x		x	x		x	x	x	x	x					x		
Historic: Watkins Woolen Mill .....		31S	1,600						x				x	x		x		x	x	x	x						x		
Scenic roads:																													
Great River Road (follows Mississippi River) ...		7S	400 mi.				A		x	x			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
St. Louis-Hermann Scenic Road (follows various State and county roads. A loop drive from Great River Road upstream along both banks of the Missouri River) (4) .....		52S	100 mi.				A		x	x			x			x			x	x	x						x		
Ozarks Scenic Roads, Missouri 21, U.S. 67, U.S. 60, U.S. 160, Missouri 72, Missouri 19 (4) ...		64S	700 mi.					x		x			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
Table Rock Reservoir Scenic Road (Missouri 76, Missouri 86) (4) .....		116S	70 mi.				A		x				x	x		x	x	x	x	x	x	x	x	x	x		x		
Free-flowing streams:																													
Gasconade River (4) .....		93S	530 mi.					x		x			x			x	x		x	x	x	x	x	x	x	x	x		
Niangua River (4) .....		99S	70 mi.					x		x			x			x	x		x	x	x	x	x	x	x		x		
Canoe trails:																													
Gasconade River (4) .....		89S	100 mi.					x		x			x			x	x	x		x	x	x	x	x	x	x	x		
Meramec River (4) .....		91S	90 mi.					x		x			x			x	x	x	x	x	x	x	x	x	x		x		
Niangua River (4) .....		97S	20 mi.					x		x			x			x	x	x	x	x	x	x	x	x	x		x		
Big Sugar Creek (4) .....		113S	10 mi.					x		x			x			x	x	x	x	x	x	x	x	x	x		x		
James River (4) .....		117S	20 mi.					x		x			x			x	x	x	x	x	x	x	x	x	x		x		
Bryant Creek (4) .....		120S	20 mi.					x		x			x			x	x	x	x	x	x	x	x	x	x		x		
North Fork River (4) .....		121S	20 mi.					x		x			x			x	x	x	x	x	x	x	x	x	x		x		
LOCAL																													
Parks:																													
One Hundred Two River Valley .....		3L	3,000				x	A		x			x			x			x	x	x	x				x		x	
The Pinnacles .....		16L	1,000						x				x		x	x			x	x	x						x		
Devil's Icebox (4) .....		43L	1,500						x				x		x	x			x	x	x	x					x		
Devil's Backbone .....		44L	3,000						x				x		x	x			x	x	x	x				x		x	
Wegener Woods (4) .....		51L	10,000	900		x	A		x	x			x			x	x		x	x	x	x	x	x	x		x		
Femme Osage River Valley (4) .....		54L	15,000			x	x		x				x			x	x		x	x	x	x	x	x	x		x		
Mineral Fork, Big Creek (4) .....		67L	5,000	500		x	x		x				x			x	x		x	x	x	x	x	x	x		x		
Smallin Cave .....		106L	300						x						x	x			x	x	x						x		

See footnotes at end of table.

MISSOURI	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface	Lake (1)	Reservoir (7)	River (7)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREA—Continued																												
LOCAL—Continued																												
Recreation areas:																												
Lake Contrary (4).....	26L	200	600	A											x			x	x			x	x	x				
Kansas City Metropolitan Park.....	29L	3,500	800		x			x				x			x	x		x	x	x	x	x	x	x		x		
Strip Pit Lakes.....	41L	1,000	500	x					x						x				x	x	x	x	x	x		x		
Loutre River Valley.....	48L	15,000	2,000		x			x				x			x	x		x	x	x	x	x	x	x		x		
Missouri-Mississippi Rivers Confluence (4).....	59L	2,500				A		x				x	x		x		x	x	x	x	x	x	x	x		x		
St. Louis Metropolitan Park I (4).....	69L	10,000	2,000		x			x	x			x			x	x		x	x	x	x	x	x	x		x		
St. Louis Metropolitan Park II (4).....	70L	4,000	100		x			x				x			x	x		x	x	x	x	x	x	x		x		
St. Francois County Park (4).....	71L	1,700	300		x			x				x			x			x	x	x	x	x	x	x		x		
Ritter Spring (4).....	103L	220						x							x	x		x	x	x								
Stockton Reservoir (4).....	107L	1,000	23,000		A			x	x						x			x	x	x	x	x	x	x		x		
Shoal Creek Falls.....	111L	1,000				x		x							x			x	x	x	x			x		x		
Nature preserves:																												
Hard Maple Grove (4).....	30L	200						x				x			x				x	x						x		
Jackson County Nature Park I.....	34L	1,600				x		x				x			x				x	x						x		
Jackson County Nature Park II.....	37L	1,000				x		x				x			x				x	x						x		

- (1) An "A" indicates water surface acreage is adjacent to area.  
(2) Located at Ste. Genevieve, Mo. City is eligible for Registered National Historic Landmark status.  
(3) Area authorized by Congress; not yet established.  
(4) Suggested area—qualifications not wholly determined. Further study required.  
(5) Eligible for Registered National Historic Landmark status.



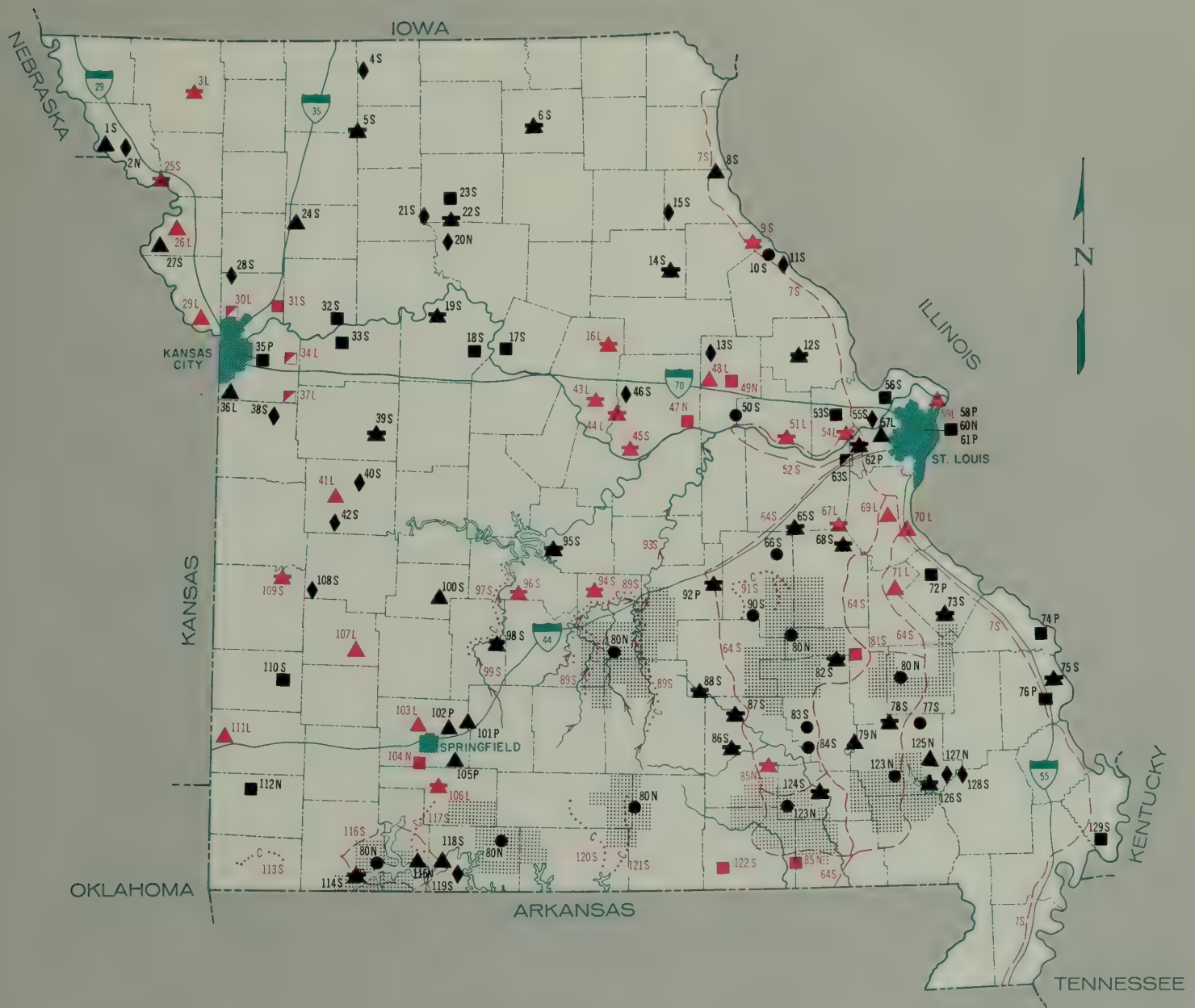
Elephant Rocks, natural sculptures near Graniteville, Missouri.

WALKER-MISSOURI COMMERCE.





Ha Ha Tonka, unfinished "Castle" atop Deer Leap Hill near Camdenton, Missouri. The 3,500-acre estate has State park potential.  
MASSIE-MISSOURI COMMERCE.



# MISSOURI



	Existing	Potential		Existing	Potential
Park	★	★	Foot Trail	.....F.....	.....F.....
Recreation Area, Etc.	▲	▲	Horse Trail	.....H.....	.....H.....
Monument	■	■	Bicycle Trail	.....B.....	.....B.....
Nature Preserve	▣	▣	Canoe Trail	.....C.....	.....C.....
Wilderness	▤	▤	Scenic Route	—	—
Beach	▲	▲	Free-flowing Stream		~~~~~
Wildlife Area	◆	◆			
Forest	●	●	NATIONAL FOREST		▨





# NEBRASKA

**N**EBRASKA is located in the central part of the great interior plain which stretches from Hudson Bay to the Gulf of Mexico. Two major rivers—the Platte and the Republican—cross the State from west to east to empty into the Missouri, which forms the eastern boundary of the State. These three rivers played an important role in the building of the West. It is the history connected with these rivers and the recreation along them today that are Nebraska's primary recreational resources.

The population increased 14 percent in the decade 1950–1960, to reach 1,411,330. An estimated 1,719,000 persons may be living in the State by 1976. The gain in the last decade was mainly in the cities, with losses in the rural sections. Omaha and Lincoln are the two metropolitan areas in the State. Fifty-four percent of the population was urban in 1960. The average density was 8.4 persons per square mile, with 10 counties having less than 2 persons per square mile.

The terrain varies from high plains and sand hills in the west, to the wooded river bluffs in the east. There are many water-storage reservoirs that provide opportunities for water recreation. Upland game birds, deer, and occasional antelope are prime hunting attractions. The central waterfowl flyway crosses the State and provides good hunting in fall and early winter.

Nebraska's climate is typical of the Great Plains. Winters tend to be long, severe, and windy; summers are hot.

The State's history covers the periods of early western exploration, fur trade, Oregon-California-Mormon Trail migrations, Pony Express, and Plains Indian wars. Historic sites and remaining evidences of old trails are numerous. Fort Atkinson, Fort Robinson,

Robidoux Pass, and Signal Butte possess exceptional value in commemorating the history of the United States and are eligible for Registered National Historic Landmark status. The State is internationally known for its paleontological sites where many important fossil discoveries have been made.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers 2 national monuments totaling 2,334 acres which had an attendance of 110,147 in 1960. The Forest Service administers one national forest of 339,716 acres. The Bureau of Sport Fisheries and Wildlife administers 149,371 acres in five national refuges.

The Corps of Engineers has one reservoir of 31,600 acres under its jurisdiction. Chimney Rock, owned by the State, is a designated national historic site.

**STATE:** The Nebraska Game, Forestation and Parks Commission has a variety of areas under its administration with an attendance of 3,791,866 in 1960: 3 State parks, amounting to 2,428 acres; 4 monuments, 760 acres; 44 recreation areas, 48,169 acres; 16 wildlife management areas, 15,022 acres; and 6 waysides, 100 acres.

**LOCAL:** There are three major local areas totaling 1,385 acres in the Omaha-Lincoln areas.

**QUASI-PUBLIC:** There is one quasi-public nature preserve of 1,300 acres.

**PRIVATE ENTERPRISE:** Private industry plays an important part in providing recreation facilities at reservoirs.



## PARK AND RELATED NEEDS

There are two distinct needs: additional camping, picnicking, and water-access facilities, particularly near the eastern cities; and greater emphasis on presenting the historic story to out-of-State visitors. Properly presented, the historic sites could become a major tourist attraction.

Existing State areas now provide 50,857 acres, and local areas, 1,385 acres. Potential areas of State significance identified in this plan total 42,948 acres, which would adequately meet State needs for 1976. Recommendations to meet the local need fall short, as only 2,500 acres have been identified. Further studies are needed to identify sufficient local areas to meet 1976 local needs.



Scout's Rest Ranch, home of "Buffalo Bill" Cody, near North Platte, Nebr., might make a significant State historic site.

NEBRASKA GAME FORESTATION AND PARKS COMMISSION.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and

map. The following recommendations are offered to help provide needed outdoor recreation opportunities for public enjoyment and use. Prompt and determined action by the agencies concerned is a prerequisite of successfully filling outdoor recreation needs.

**NATIONAL:** Establishment of Agate Springs Fossil Quarries and further study of Robidoux Pass and Signal Butte as possible national monuments.

**STATE:** Expansion of the State park, recreation, and monument system to preserve valuable resources by the addition of one park, five recreation areas, and five historic monuments. Further study of 16 historic monuments. Designation and protection of three scenic roads and one canoe trail, and further study on one free-flowing stream and two canoe trails.

Supporting recommendations include—

1. Implementation of the State's 10-year plan for park and related area development and the addition of significant historic, archeologic, and natural sites for a balanced State park system. Continue to expand and emphasize the interpretive program.
2. Expansion of the staff of the Division of State Parks to include professional planning personnel.
3. Authorization of counties to form park boards as a logical complement to the recent law authorizing county planning commissions.
4. Expansion of the city park systems of Omaha, Lincoln, Grand Island, and other population centers to utilize the remaining local natural recreation resources supplemented by developed recreation areas.
5. Utilization of the Missouri River, including Lewis and Clark Lake, to develop a scenic drive, boating and access facilities, picnic and camping areas, and foot, horse, and bicycle trails along levees.
6. Establishment of a system of well-developed waysides.
7. Improvement of access to reservoirs and provision of adequate signing.

See footnotes at end of table.

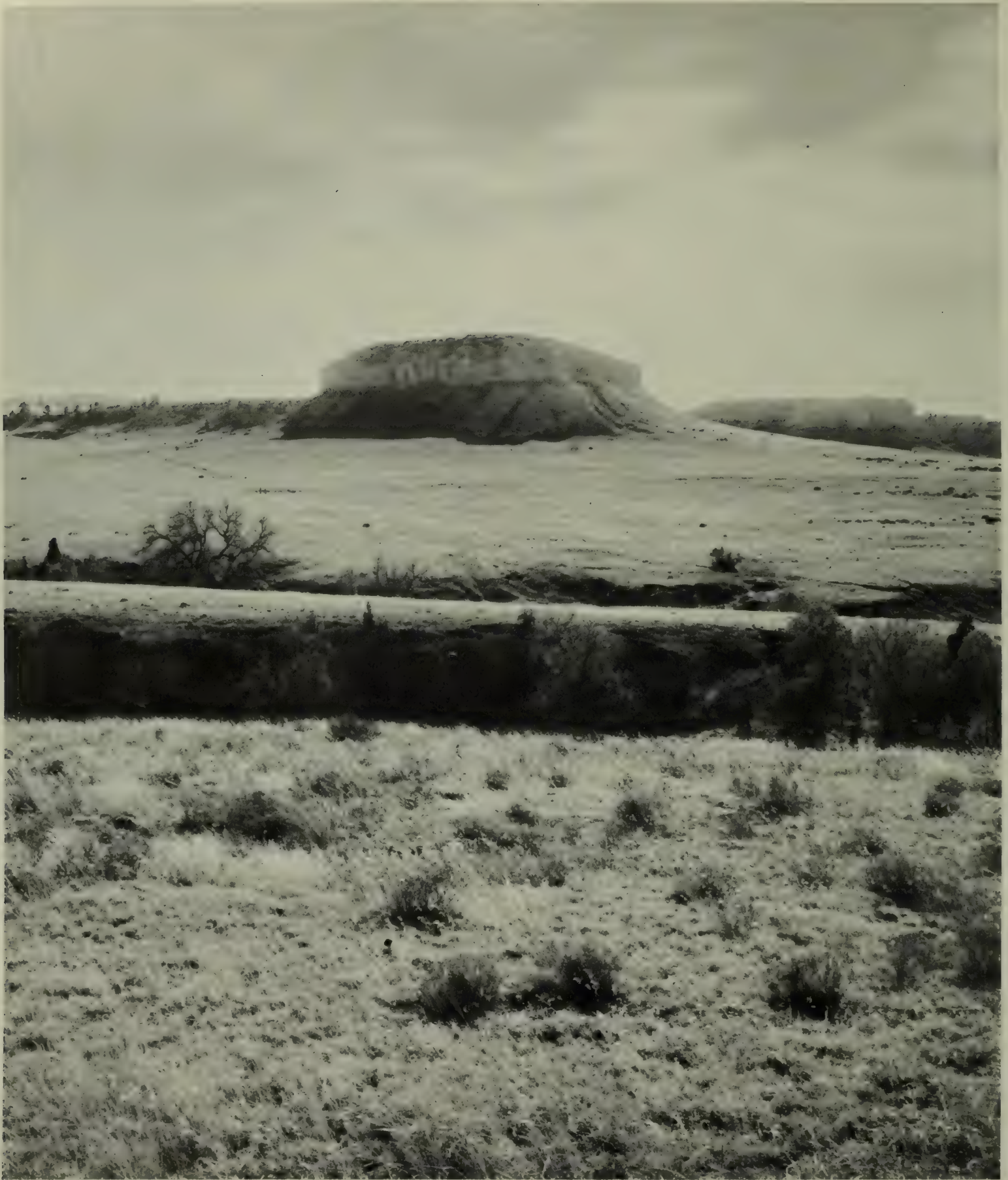


NEBRASKA	Number on map	Acreage		Significant features										Type of use			Activities												
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation 1	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS—Continued																													
STATE—Continued																													
Recreation areas—Continued																													
Maloney State Recreation Area.....	80S	132	300	A											x			x	x		x	x	x	x	x				
Wellfleet Special Use Area.....	81S	164	80	x				x							x			x	x		x	x	x	x	x				
Harry D. Strunk Lake State Recreation Area...	85S	8,859	1,850	x				x							x			x	x		x	x	x	x	x				
Gallagher Canyon State Recreation Area.....	87S	180	50	A											x			x	x		x	x		x	x				
Johnson Lake State Recreation Area.....	88S	50	800	A											x			x	x		x	x	x	x	x				
Cottonmill Lake State Recreation Area.....	91S	98	30	x											x			x	x		x	x	x	x					
Ravenna State Recreation Area.....	93S	81	30	x											x			x	x		x	x		x	x				
Stolley State Recreation Area.....	94S	43													x			x	x		x								
Crystal Lake State Recreation Area.....	95S	63	30	x											x			x	x		x	x	x	x	x				
Alexandria State Recreation Area.....	98S	345	32	x											x			x	x		x	x	x	x	x				
Burchard Lake Special Use Area.....	102S	560	105	x											x			x	x		x	x	x	x					
Verdon State Recreation Area.....	103S	75	45	x											x			x	x		x	x		x	x				
Monuments: Historic:																													
Fort Robinson State Park (3).....	3S	100						x	x			x	x		x	x		x	x	x	x			x		x			
Arbor Lodge State Historical Park.....	40S	65										x			x			x											
Fort Hartsuff State Historical Park.....	51S	15										x			x														
Fort Kearny State Historical Park (4).....	92S	80													x	x			x	x									
Chimney Rock (5).....	106S	83																											
MAJOR LOCAL																													
Parks:																													
Hummel Park (Omaha) (4).....	30L	375						x				x	x		x			x	x	x							x		
Dodge Park (Omaha) (4).....	31L	400					A	x				x			x			x	x	x		x		x		x			
Pioneer Park (Lincoln).....	100L	610	10	x				x							x			x	x	x		x		x		x			
MAJOR QUASI-PUBLIC AND PRIVATE																													
Monument: Historic: Mormon Cemetery.....	32P	3											x		x			x											
Nature preserve: Fontenelle Forest.....	34P	1,300					A	x				x	x		x					x							x		
POTENTIAL AREAS																													
NATIONAL																													
Monuments:																													
Scientific: Agate Springs Fossil Quarries.....	1N	3,100							x			x		x	x		x	x	x	x	x						x		
Historic:																													
Robidoux Pass (2).....	72N	2,500							x				x		x		x	x		x									
Signal Butte (2).....	73N	640							x				x		x		x	x		x									
STATE																													
Park: Southeast.....	104S	6,000	900	x	A			x				x	x		x	x	x	x	x	x	x	x	x	x		x			
Recreation areas:																													
Merritt Reservoir.....	14S	7,000	2,700	x				x							x			x	x	x	x	x	x	x	x	x			
Sherman Reservoir.....	52S	7,750	2,350	x				x							x			x	x	x	x	x	x	x	x	x			
Lake Ogalalla II.....	61S	40	35,000	A				x							x			x	x		x	x	x	x					
Hugh Butler Lake.....	82S	5,887	1,628	x				x							x			x	x	x	x	x	x	x	x	x			
Angus Reservoir.....	97S	10,360	5,080	x				x							x			x	x	x	x	x	x	x	x	x			
Monuments: Historic:																													
Ponca Fort (2).....	20S	100											x		x			x											
Big Village of Omaha-Fort Charles (2).....	26S	300											x		x			x											
Cabanne's Post (2).....	28S	40											x		x			x											
Council Bluff-Fort Atkinson (3).....	29S	500											x		x				x										
Bellevue Buildings (2).....	33S												x		x			x											
See footnotes at end of table.																													

NEBRASKA	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Monuments: Historic—Continued																												
Moses Merrill Mission Site (2) . . . . .	36S	10											x		x			x	x									
Sterns Creek Village Site (2) . . . . .	37S	40											x		x			x	x									
Nehawka Flint Quarries (2) . . . . .	39S	150											x		x			x										
Russell, Majors, and Waddell Terminal (2) . . . . .	41S	1											x		x			x										
Yutan Oto-Missouri Village (2) . . . . .	44S	200											x		x			x										
Palmer Village (2) . . . . .	49S	300											x		x			x										
Scout's Rest Ranch (2) . . . . .	59S	50											x		x		x	x	x									
Battle of Blue Water Site (2) . . . . .	63S	400											x		x			x										
Windlass Hill and Ash Hollow Cave . . . . .	64S	720											x		x			x	x		x							
Mud Springs (2) . . . . .	66S	500											x		x			x										
Massacre Canyon Battlefield . . . . .	78S	1,000						x				x	x		x			x	x		x							
George W. Norris Home . . . . .	83S								x				x		x			x										
Midway Stage Station (2) . . . . .	86S	50											x		x			x										
Hill Site (2) . . . . .	96S	50											x		x													
William J. Bryan "D" Street Residence (2) . . . . .	101S												x		x			x										
Brownville State Historical Park . . . . .	105S	1,500											x		x	x	x	x	x		x							
Scenic roads:																												
Pine Ridge . . . . .	8S	80 mi.				x		x	x			x	x	x	x	x		x	x	x	x			x		x		
Lewis and Clark . . . . .	24S	300 mi.	7,349	A	A			x	x			x	x	x	x	x	x	x	x	x	x	x	x	x		x		
Historic Trails . . . . .	89S	150 mi.				A		x	x			x	x		x	x		x	x	x	x	x	x	x				
Free-flowing stream: White River (2) . . . . .	7S	60 mi.																										
Canoe trails:																												
Niobrara River . . . . .	13S	200 mi.				x		x	x			x	x		x	x												
Dismal River (2) . . . . .	58S	40 mi.				x		x	x			x			x	x												
Tri-County Canals (2) . . . . .	84S	80 mi.				x			x						x	x												
LOCAL																												
Park: Rock Bluff . . . . .	38L	1,500	300	x				x				x			x			x	x	x	x	x	x	x		x		
Recreation area: Sand Pit Lakes (2) . . . . .	35L	1,000	300	x											x			x	x	x	x	x	x	x		x		

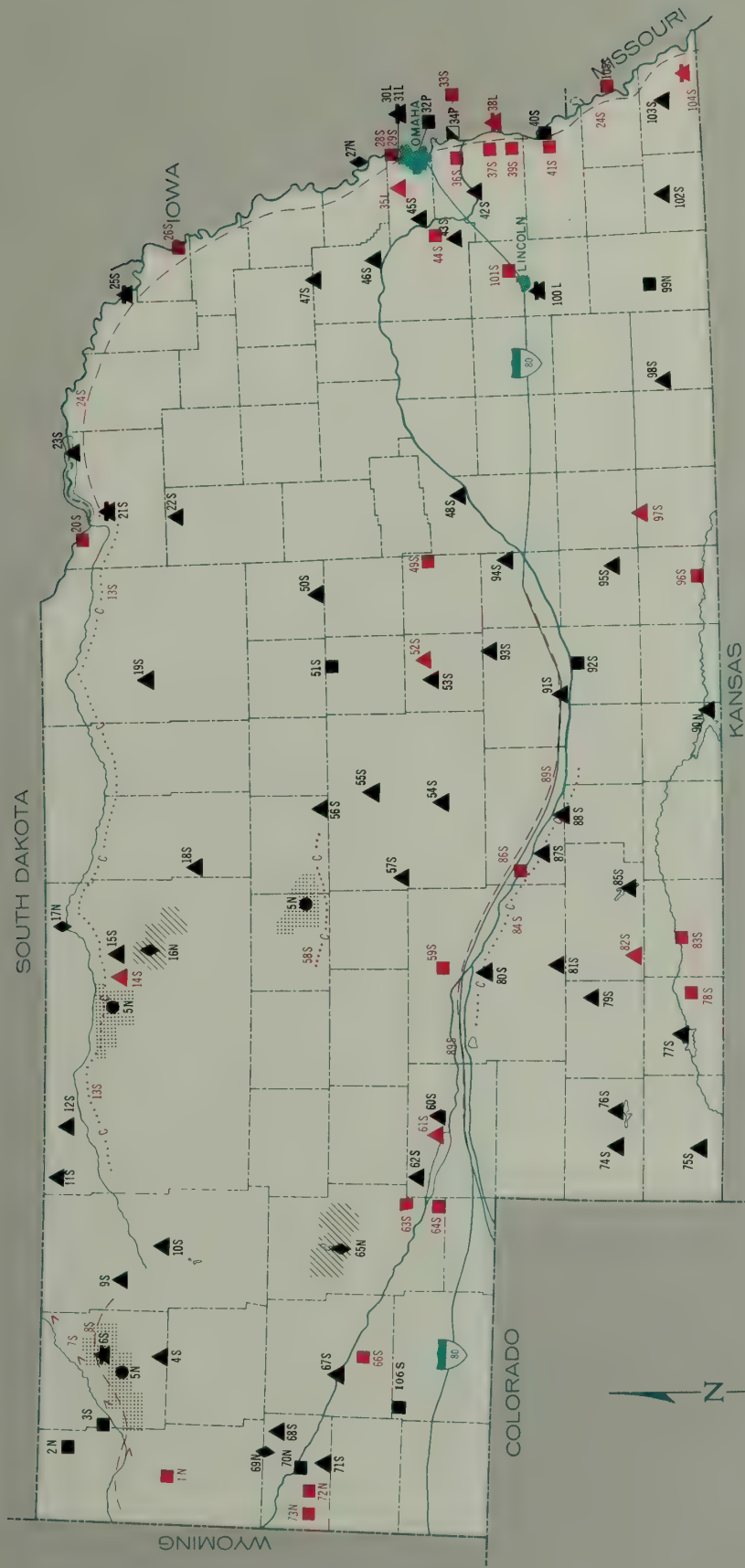
- (1) An "A" indicates water surface acreage is adjacent to area.  
(2) Suggested area—qualifications not wholly determined. Further study required.  
(3) Eligible for Registered National Historic Landmark status.  
(4) Major additions recommended.  
(5) National historic site in non-Federal ownership.





Signal Butte, scenic landmark and important archeologic site in western Nebraska.

RIVER BASIN SURVEYS, SMITHSONIAN INSTITUTION.



# NEBRASKA



Existing		Potential	
Park	▲	Canoe Trail	.....C.....
Recreation Area, Etc.	▲	Parkway	—
Monument	■	Scenic Route	—
Nature Preserve	▣	Free-flowing Stream	~
Wilderness	▣	NATIONAL FOREST	▨
Beach	▲	NATIONAL WILDLIFE REFUGE	▨
Wildlife Area	◆		
Forest	●		





# NORTH DAKOTA

**N**ORTH DAKOTA is a land of broad vistas and majestic sunsets. To the north and east are numerous potholes and shallow lakes ideal for production of waterfowl; to the west, the Badlands of the Little Missouri.

The population is expected to increase modestly from 632,000 in 1960 to 695,000 by 1976. The 1960 population averaged nine per square mile, with 35 percent of the people living in urban areas.

Agriculture is the chief industry. The parks and recreation areas have not been developed to attract tourists.

The State is served by a good highway system that provides access to all existing recreation areas. Interstate 94, east-west, and Interstate 29, north-south, will facilitate travel to recreation areas, which are long distances from centers of population.

Outstanding natural attractions are the Badlands, Turtle Mountains, Killdeer Mountains, and Pembina and Sheyenne River Valleys. Garrison, Oahe, Lake Ashtabula, Heart Butte, Dickenson, and other smaller reservoirs are important new recreation resources. Excellent duck and goose hunting is available during favorable years. Upland game birds, including native grouse, Hungarian partridge, and ring-necked pheasant, are common in many localities. The climate is typical of the Great Plains—long, cold winters and rather hot summers.

There are many archeologic and historic sites associated with Indian prehistory, the Lewis and Clark expedition, the fur trade, and military posts of the 1857–80 period. Fort Union possesses exceptional value and is eligible for Registered National Historic Landmark status.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers the Theodore Roosevelt National Memorial Park of 70,374 acres which had an attendance of 223,188 in 1960. The Forest Service administers a monument area of 60 acres, plus additional land utilization lands. The Corps of Engineers administers one reservoir of 483,000 acres. There are 63 national wildlife and game refuges administered by the Bureau of Sport Fisheries and Wildlife and totaling 276,449 acres.

**STATE:** The North Dakota State Historical Society administers 6 parks, with a total of 3,573 acres; 7 recreation areas, 462 acres; and 53 monuments, 1,102 acres. The 1960 attendance was 375,000. The North Dakota Game and Fish Department administers 53 areas totaling 44,269 acres. One is a recreation area of 10,750 acres. There are 21 rest stops and 21 picnic areas under the North Dakota Highway Department.

**LOCAL:** There are five major local recreation areas totaling 16,279 acres.

**PRIVATE ENTERPRISE:** Private enterprise plays a minor role in providing recreation opportunities. Devils Lake and Garrison Reservoir provide opportunities for private investment in recreational facilities.

## PARK AND RELATED NEEDS

The present State park system needs further development and expansion to include more natural areas. Potential State areas identified in this plan would meet





Lake Metigoshe and the Turtle Mountains area form an important recreation resource for North Dakota.

W. P. SEBENS, NORTH DAKOTA STATE SOIL CONSERVATION COMMITTEE.

this need. The larger cities require expanded park systems to compensate for the lack of nearby natural recreation resources.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are offered to help provide needed outdoor recreation opportunity in North Dakota. Their success will depend in large measure on prompt and effective action by the agencies concerned.

STATE: Expansion of the State park system to protect valuable resources in four potential parks and one recreation area, and further consideration

of adding one other park and five historic monuments. Designation and protection for one scenic road and further study of another. Consideration of designating and protecting two canoe trails.

Supporting recommendations include—

1. An effort through various means to preserve the remaining forest resource of the Turtle Mountains. Fifteen thousand to 20,000 acres are suggested for inclusion in a cooperatively managed scenic preserve in both public and private ownership.
2. Development and expansion of city park systems to the fullest extent possible.
3. Additional funds are needed for capital improvements and maintenance of the International Peace Garden.
4. There is a need to resolve the conflict between preservation and drainage of potholes and wetlands.

NORTH DAKOTA	Number on map	Acreage		Significant features								Type of use		Activities															
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River (1)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Park: Theodore Roosevelt National Memorial Park	57N	70, 374				x			x			x	x	x	x	x	x	x	x	x				x		x			
Recreation area: Garrison Reservoir	47N	483, 000	365, 450		x				x				x		x	x	x	x	x	x	x	x	x	x	x				
Monument: Scientific: Burning Coal Vein and Columnar Cedar area (Custer National Forest Land Utilization project)	62N	60										x		x	x		x	x									x		
Wildlife areas:																													
Lostwood National Wildlife Refuge	3N	26, 747	1, 872	x					x			x			x												x		
Des Lacs National Wildlife Refuge	4N	18, 881	6, 855		x			x	x			x			x							x			x		x		
Upper Souris National Wildlife Refuge	6N	32, 085	13, 348		x							x			x				x			x	x	x	x	x			
Lower Souris National Wildlife Refuge	9N	58, 693	22, 162		x							x			x				x						x		x		
Sully's Hill National Game Reserve	25N	1, 991	10	x				x	x			x	x	x	x			x	x	x	x				x		x	x	
Arrowwood National Wildlife Refuge	34N	15, 934	3, 440		x			x	x			x			x				x			x	x	x		x			
Snake Creek National Wildlife Refuge	43N	13, 498	3, 000		x							x															x		
Lake Ilo National Wildlife Refuge	50N	3, 963	1, 240		x				x			x			x				x	x		x	x	x		x			
Long Lake National Wildlife Refuge	78N	22, 310	13, 700	x					x			x			x							x	x	x		x			
Slade National Wildlife Refuge	82N	3, 000	342		x				x			x			x					x	x	x	x	x	x	x	x		
Chase Lake National Wildlife Refuge	84N	1, 921			x				x			x															x		
Tewaukon National Wildlife Refuge	103N	5, 585	1, 512	x	x				x			x			x					x					x		x		
51 other areas, primarily leased		71, 841	20, 403																										
STATE																													
Parks:																													
Lake Metigoshe State Park	10S	728	1, 600	A					x			x			x	x	x	x	x	x	x	x	x	x		x			
International Peace Garden State Park	12S	887	30		x				x			x			x		x	x	x	x	x	x			x		x		
Turtle River State Park	23S	486				x			x			x		x	x				x	x	x	x			x		x		
Totten Trail State Park	45S	116	365, 450	{	A				x						x					x		x			x		x		
Garrison Lake State Park	46S	616			A					x						x	x			x	x	x	x	x	x		x		
Fort Lincoln State Park	72S	740				A				x	x			x	x		x			x	x	x	x	x		x		x	
Recreation areas:																													
Smokey Lake State Recreation Park	8S	276	800	A								x			x												x		
Heart Butte Reservoir	67S	10, 750	3, 400		x				x						x				x	x		x	x	x	x	x			
Streeter Memorial State Recreation Park	83S	63	3, 000	A											x					x									
Beaver Lake State Recreation Park	85S	93	600	A					x						x					x			x	x	x				
Doyle Memorial State Recreation Park	86S	21	600	A											x					x			x	x	x				
Homer State Recreation Park	88S	5							x						x					x			x						
Fred Smith State Recreation Park	89S	2							x											x			x						
Strong Memorial State Recreation Park	100S	2							A			x																	
Monuments: Historic:																													
Writing Rock State Historic Site	1S	10											x		x					x									
Danish Windmill State Historic Site	5S												x		x														
David Thompson State Historic Site	7S	1											x		x														
Butte St. Paul State Historic Site	13S	50											x		x														
St. Claude State Historic Site	14S	40											x		x														
Gringas Trading Post State Historic Site	15S	1											x		x														
Walhalla State Historic Site	16S	6											x		x														
Pembina State Historic Site	19S	4											x		x														
Oaklawn State Historic Site	20S												x		x														
Fort Totten State Historic Site	26S	9											x		x														
Brenner Crossing State Historic Site	27S												x		x														
Camp Atcheson State Historic Site	28S												x		x														
Lake Jessie State Historic Site	29S												x		x														
Camp Corning State Historic Site	30S												x		x														

See footnotes at end of table.



## NORTH DAKOTA

NORTH DAKOTA	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River (1)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Monuments: Historic—Continued																												
Camp Arnold State Historic Site . . . . .	32S												x		x													
Camp Kimball State Historic Site . . . . .	35S												x		x													
Camp Grant State Historic Site . . . . .	36S	1											x		x													
Palmer's Spring State Historic Site . . . . .	37S	3											x		x													
Molander Indian Village State Historic Site . . . . .	38S	12											x		x													
Fort Clark State Historic Site . . . . .	39S	47											x		x													
Fort Mandan State Historic Site . . . . .	40S	30											x		x													
Crowley Fling Quarry State Historic Site . . . . .	48S	2											x		x													
Killdeer Battlefield State Historic Site . . . . .	52S	1											x		x													
Crow Flies High State Historic Site . . . . .	54S	253											x		x													
Fort Union State Historic Site (3) (4) . . . . .	55S	10											x		x													
Fort Buford State Historic Site . . . . .	56S	37											x		x				x									
Roosevelt's Elkhorn Ranch State Historic Site . . . . .	59S	254											x															
De Mores State Historic Site . . . . .	61S	128											x		x													
Fort Dilts State Historic Site . . . . .	64S	8											x		x													
Sully Corral State Historic Site . . . . .	66S	5											x		x													
Cannon Ball Stage State Historic Site . . . . .	68S	3											x		x													
Double Ditch Indian Village State Historic Site (4) . . . . .	69S	37											x		x													
Steamboat Warehouse State Historic Site . . . . .	70S	3											x		x													
Camp Hancock State Historic Site . . . . .	71S	1											x		x													
Menoken Indian Village State Historic Site . . . . .	73S	14											x		x													
Huff Indian Village State Historic Site (4) . . . . .	74S	14											x		x													
Fort Rice State Historic Site . . . . .	75S	7											x		x													
Sitting Bull State Historic Site . . . . .	76S	5											x		x													
Chaska State Historic Site . . . . .	77S												x		x													
Burman State Historic Site . . . . .	79S												x		x													
Camp Whitney State Historic Site . . . . .	80S	4											x		x													
McPhail's Butte State Historic Site . . . . .	81S												x		x													
Fort Seward State Historic Site . . . . .	87S	4											x		x													
Whitestone Hill State Historic Site . . . . .	90S	66											x		x				x									
Hudson State Historic Site . . . . .	91S	2											x		x													
Fort Ransom State Historic Site . . . . .	92S	6											x		x													
Camp Weiser State Historic Site . . . . .	93S												x		x													
Birch Creek State Historic Site . . . . .	94S	1											x		x													
Camp Sheardown State Historic Site . . . . .	95S												x		x													
Buffalo Creek State Historic Site . . . . .	96S												x		x													
Maple Creek State Historic Site . . . . .	97S												x		x													
Wadson State Historic Site . . . . .	98S	1											x		x													
Fort Abercrombie State Historic Site . . . . .	102S	22											x		x				x									
MAJOR LOCAL																												
Recreation areas:																												
Homme Reservoir . . . . .	21L	403	174	x											x			x	x		x	x	x	x				
Lake Ashtabula . . . . .	31L	8,480	4,380	x				x							x			x	x		x	x	x	x				
Jamestown Reservoir . . . . .	33L	4,689	2,025	x				x							x			x	x		x	x	x	x				
Garrison Reservoir (Garrison Park Board) . . . . .	44L	450	365,450	A				x							x			x	x		x	x	x	x				
Dickinson Reservoir . . . . .	65L	2,257	867	x				x							x			x	x		x	x	x	x				

See footnotes at end of table.

NORTH DAKOTA	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface	Lake (7)	Reservoir (7)	River (7)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS																												
STATE																												
Parks:																												
Turtle Mountains.....	11S	2,500	600	x				x	x			x	x	x	x	x	x	x	x	x	x	x	x	x		x		
Pembina River Valley (2).....	17S	2,000				x		x				x	x	x	x	x		x	x	x	x	x	x	x		x		
Devils Lake.....	24S	2,000	209,920	A				x	x			x	x	x	x	x		x	x	x	x	x	x	x		x		
Killdeer Mountains.....	51S	2,000				x		x	x			x	x	x	x	x		x	x	x	x	x	x	x		x		
Sheyenne River Valley.....	99S	2,000				x		x	x			x		x	x	x		x	x	x	x	x	x	x		x		
Recreation area: White Earth River Valley.....	2S	400				A		x	x					x				x	x		x							
Monuments: Historic:																												
Big Hidatsa Village Site (2).....	41S	400										x		x														
Knife River Flint Quarries (2).....	49S	100										x		x														
Sentinel Butte (2).....	60S	100										x		x														
HT Ranch (2).....	63S	2,000							x			x	x		x	x	x	x	x	x						x		
Sheyenne-Cheyenne Village (2).....	101S	300										x		x														
Scenic roads:																												
Missouri River Scenic Road (2).....	42S	60 mi.				A		x	x			x	x	x	x			x	x	x	x	x		x		x		
Badlands Scenic Road: U.S. 85 and Interstate 94 adjacent to Theodore Roosevelt National Memorial Park.....	58S	15 mi.							x						x	x			x								x	
Canoe trails:																												
Pembina River (2).....	18S	50 mi.						x	x			x			x				x		x	x	x	x		x		
Red River of the North (2).....	22S	100 mi.						x	x			x			x				x		x	x	x	x		x		
LOCAL																												
Recreation area: Garrison Reservoir (Sanish Area)...	53L	200	365,450		A				x						x				x	x		x	x	x	x			

- (1) An "A" indicates water surface acreage is adjacent to area.  
(2) Suggested area—qualifications not wholly determined. Further study required.  
(3) Eligible for Registered National Historic Landmark status.  
(4) Major additions recommended.



Pronghorns race across North Dakota's plains.

SHIN KOGAMA, NORTH DAKOTA GAME AND FISH DEPARTMENT.

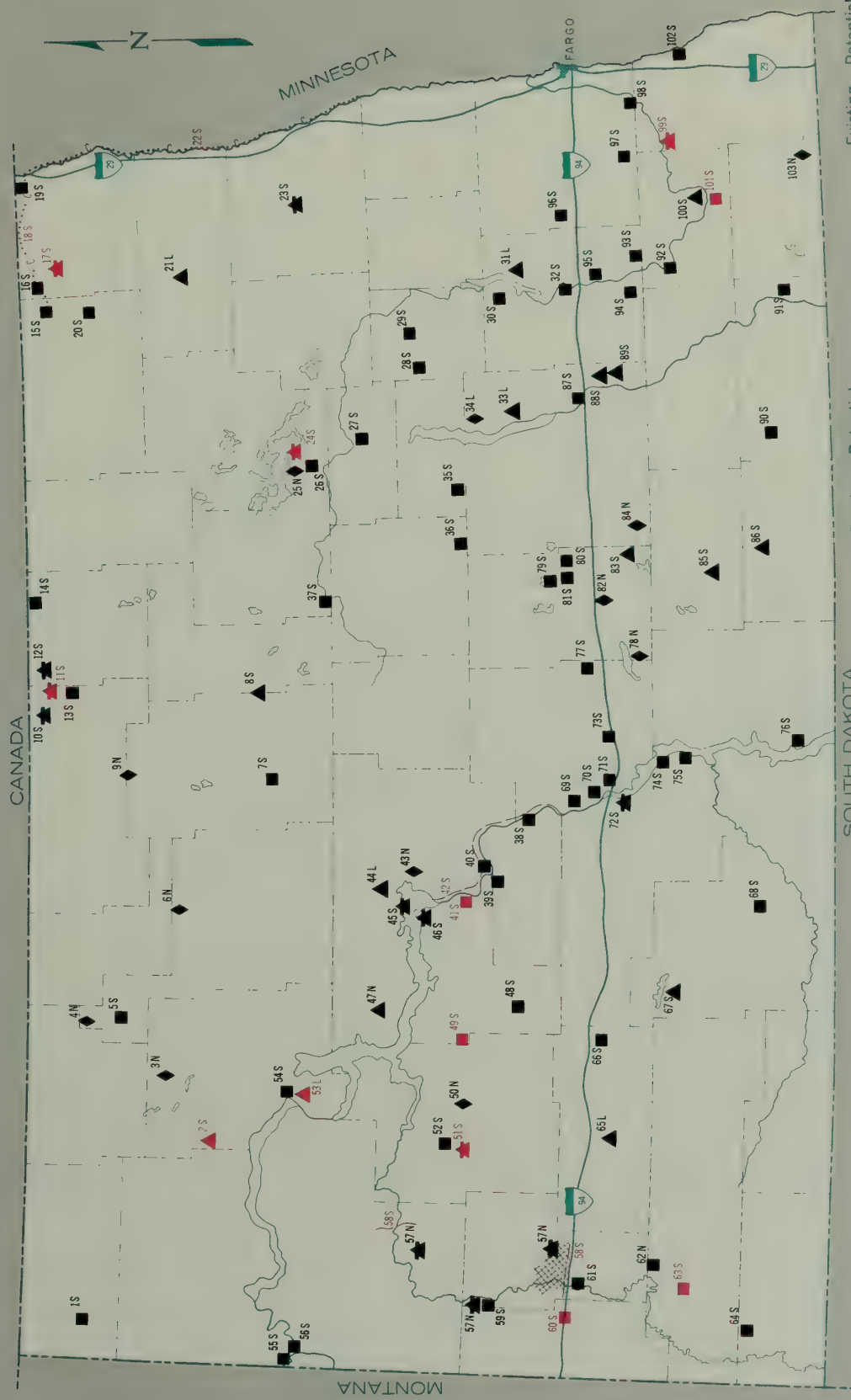
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Ducks in flight, a glimpse of North Dakota's recreational hunting resources.

NORTH DAKOTA GAME & FISH DEPARTMENT.



Existing		Potential	
	Park		Foot Trail
	Recreation Area, Etc.		Horse Trail
	Monument		Bicycle Trail
	Nature Preserve		Canoe Trail
	Wilderness		Parkway
	Beach		Scenic Route
	Wildlife Area		
	Forest		
			NATIONAL PARK

# NORTH DAKOTA







**S**ITUATED between the mountains of Pennsylvania and West Virginia on one side and the broad lands of Indiana on the other, Ohio has some of the topographic features of each.

The 1950 population increased 22.1 percent to 9,706,397 by 1960. With 73.4 percent of the people living in urban areas, the density averages 237 per square mile, ranging from 25 in Vinton County in the south-central section to 3,614 in Cuyahoga County, which includes Cleveland. There are 15 metropolitan areas of over 50,000.

The estimated value of the tourist industry in 1960 was \$971 million, ranking it third behind manufacturing and agriculture. Areas of chronic economic distress are found in the south and southeastern counties and in the north-central portion along Lake Erie.

East-west travel on existing roads is good and will be improved with completion of Interstates 70 and 80. North-south travel has been difficult, but three planned interstates will improve accessibility to the southeastern section, which contains much of the recreation resource. Every major urban area will have access to at least one of these highways.

The unglaciated southeastern section presents the most diverse landscape, most of the forest area, and many swift-flowing streams. Lake Erie in the north presents a recreation resource near the State's most populous section. Although it is generally heavily developed by private interests, several sites suitable for public development remain. Portions of the shoreline are important for resting and feeding of migratory waterfowl. Rivers and streams throughout the State are important for recreation, particularly the Ohio River with its navigation pools. Water impoundments are significant, since there are few natural lakes. The

climate is varied enough to offer the usual summer outdoor pursuits varied with ice fishing and boating in winter.

Sites illustrating the prehistoric cultures that once flourished in Ohio have great educational value. The State is also rich in historic sites. The Fallen Timbers Battlefield is of exceptional value in commemorating the history of the United States.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers 2 national monuments of 81 acres that had an attendance of 96,000 in 1960. The Corps of Engineers operates two reservoirs of 15,147 acres. There is one national forest of 113,000 acres administered by the Forest Service, and one national wildlife refuge of 82 acres administered by the Bureau of Sport Fisheries and Wildlife.

**STATE:** The Division of Parks administers 49 areas totaling 84,542 acres that received an attendance of 15,947,523 in 1960. The Division of Properties, Ohio Historical Society, operates 53 State memorials involving 4,195 acres. Other State agencies in the recreation field are: Department of Public Works, 2 areas, 1,330 acres; Division of Forests, 18 forests, 153,066 acres; Division of Wildlife, 64 fish and game management areas, 50,565 acres; Department of Highways, 277 roadside rests.

**LOCAL:** The Muskingum Watershed Conservancy District operates 9 recreation areas on 23,428 acres that had a 1960 attendance of 1,371,160. Major



nonurban metropolitan and county parks total approximately 33,930 acres.

**QUASI-PUBLIC AND PRIVATE:** Three historic monuments are available to the public, as well as two nature preserves and a foot trail.

**PRIVATE ENTERPRISE:** In areas where population concentrations create pressing recreation needs, there have been attempts at providing privately owned day-use and overnight facilities ranging from picnic areas and campgrounds to marinas and summer cottages.



Attractive portions of the Lake Erie shore, such as this reach near Sandusky Bay, Ohio, are recommended for State park purposes.

## PARK AND RELATED NEEDS

Protection of those portions of the Lake Erie shoreline still in a reasonably natural condition is most pressing. Major streams, even those not free flowing, should be considered for protection. A program for parkways and scenic roads needs to be initiated. There is need for more day- and weekend-use areas to serve the State's metropolitan areas, also Wheeling and Huntington, W. Va., and Fort Wayne, Ind. Scarcity of natural lakes for water-oriented recreation emphasizes the importance of reservoirs, particularly those whose primary purpose is recreation.

Existing areas under State administration provide 113,887 acres for 9,706,397 residents, and local areas

provide an additional 33,928 acres. Potential areas of State significance identified in this plan total 353,788 acres, and local ones another 1,310 acres. If all of these potential areas were acquired and developed, there still would remain a large unsatisfied need to serve the estimated 1976 population.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations, if implemented by vigorous action on the part of the agencies concerned, may help to meet Ohio's outdoor recreation needs.

**NATIONAL:** Studies to determine the feasibility and desirability of establishing the Ohio River-Allegheny River Parkway.

**STATE:** Expansion of the system of State parks to preserve the remaining areas worthy of such action. Seven parks are recommended, as well as major additions to six existing parks. Seven additional parks are suggested.

Protection of three areas as nature preserves.

**LOCAL:** Broad expansion of most local park systems. Two new areas and a major addition to one existing area are recommended at this time.

Supporting recommendations include—

1. A comprehensive survey of historic and archeologic sites within the State with a view to the preservation and development of those found to possess sound educational and inspirational values.
2. Designation and proper development of systems of canoe trails and foot trails to provide for a more well-rounded park and recreation program.
3. Provision for control of pollution and consideration of flood-plain zoning to enhance streamside recreation.
4. Intensification of efforts to broaden local recreation systems and programs to accommodate intensive day use.

OHIO	Number on map	Acreage		Significant features									Type of use			Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Recreation areas:																													
Berlin Reservoir (4)	36N	6,880	3,200	x										x	x		x	x	x	x	x	x	x	x					
Dillon Reservoir (4)	91N	8,267	1,325	x										x	x		x	x	x	x	x	x	x	x					
Monuments: Historic:																													
Perry's Victory and International Peace Memorial National Monument	16N	14	L	A								x					x												
Mound City Group National Monument	145N	67										x					x												
Forest: Wayne National Forest	126N	113,000				x	x			x	x			x	x				x	x	x				x				
Wildlife area: West Sister Island National Wildlife Refuge	10N	82				x					x			x												x			
STATE																													
Parks:																													
Crane Creek State Beach Park	11S	650				x								x				x	x		x	x	x	x	x				
Kelley's Island State Reserve-Lake (4)	18S	445	L	A										x	x	x		x	x	x	x	x	x	x					
East Harbor State Park	19S	1,256	848			x								x	x		x	x	x	x	x	x	x	x					
Findley State Park	21S	915	93	x										x	x			x	x	x	x	x	x	x					
Punderson State Park	24S	505	90	x										x				x	x		x	x	x	x					
Pymatuning State Park (4)	30S	4,877	3,580	A										x	x	x		x	x	x	x	x	x	x					
Beaver Creek State Park	38S	1,232				x						x		x		x		x	x	x				x	x	x			
Clear Fork State Park	47S	545				x		x						x				x	x	x				x					
Jefferson Lake State Park (4)	82S	892	27	x										x	x		x	x	x	x	x	x	x	x	x				
Hueston Woods State Park	107S	3,524	625	x										x	x			x	x	x	x	x	x	x		x			
John Bryan State Park (4)	112S	751				x							x	x	x		x	x	x	x	x	x	x			x			
Cowan State Park (4)	116S	1,700	700	x										x				x	x	x	x	x	x	x					
Hocking State Park	123S	1,279						x						x	x	x	x		x	x	x					x			
Stroud's Run State Park	128S	953	161	x				x						x				x	x		x	x	x	x					
Burr Oak State Park (4)	129S	2,158	664		x									x	x			x	x		x	x	x	x	x				
Forked Run State Park	134S	794	102	x				x						x	x		x	x	x	x	x	x	x	x					
Lake Hope State Park	137S	1,962	120	x				x						x	x	x		x	x	x	x	x	x	x		x			
Tar Hollow State Park	142S	540	15	x				x						x	x			x	x	x	x	x	x	x					
Pike State Park	150S	500	13	x				x			x			x	x			x	x	x	x	x	x	x		x			
Rocky Fork State Park	156S	3,574	2,080	A										x	x			x	x	x	x	x	x	x					
Recreation areas:																													
Stonelick Creek State Recreation Reserve	158S	1,056	200	x										x	x			x	x	x	x	x	x	x	x				
Harrison Lake State Lake Reserve	1S	196	105	A										x	x		x	x	x	x	x	x	x	x					
Catawba Island State Lake Reserve	14S	7	L	A										x				x	x		x	x	x				x		
South Bass Island State Lake Reserve	15S	32	L	A										x	x			x	x	x	x	x	x	x					
Big Creek State Recreation Reserve (4)	25S	565												x	x		x	x	x	x					x				
Headlands Beach State Park (4)	28S	125	L	A										x				x	x		x	x							
Mosquito Reservoir Lake	31S	11,364	7,800	x										x				x	x		x	x	x	x					
Nelson and Kennedy Ledges State Recreation Reserve (4)	32S	167												x	x			x	x										
Guilford Lake State Lake Reserve (4)	37S	496	396	A										x	x			x	x	x	x	x	x	x					
Nimisilla Reservoir	44S	350	890	A										x				x	x										
Stark Canal State Canalway	45S	90												x				x	x										
Portage State Lake (4)	46S	2,780	2,150	A										x				x	x		x	x	x	x					
Mount Gilead State Recreation Reserve	50S	172	30	x										x	x		x	x	x	x	x	x	x	x					
Van Buren Lake State Lake Reserve (4)	54S	136	70	x										x	x		x	x	x	x	x	x	x	x					
Grand Lake State Lake	56S	15,537	13,500	A										x	x	x	x	x	x	x	x	x	x	x					
Lake Loramie State Lake (4)	58S	1,950	1,650	A										x	x		x	x	x	x	x	x	x	x					
Indian Lake State Lake (4)	59S	6,344	5,800	A										x	x			x	x	x	x	x	x	x					
Delaware Reservoir Lake	62S	7,378	1,300		x									x	x			x	x	x	x	x	x	x					
Belmont County State Recreation Reserve	85S	822	117	x										x	x		x	x	x	x	x	x	x	x					
Blue Rock State Recreation Reserve	90S	337	15	x				x						x	x			x	x	x	x	x	x	x					

See footnotes at end of table.



## OHIO

OHIO	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Recreation areas—Continued																												
Buckeye Lake State Lake.....	93S	4, 000	3, 300	A											x			x	x	x		x	x	x	x		x	
Madison Lake State Lake Reserve (4).....	99S	180	100	x											x				x	x		x	x	x	x			
Kiser Lake State Lake Reserve (4).....	103S	653	385	x											x	x			x	x	x	x	x	x	x			
Hargus Creek State Recreation Reserve (4).....	118S	427	146	A											x	x		x	x	x	x	x	x	x	x			
Lake Alma State Recreation Reserve.....	138S	231	60	x											x	x			x	x	x	x	x	x	x			
Scioto Trail State Recreation Reserve.....	147S	248	30	x				x							x	x			x	x	x			x	x			
Lake White State Lake Reserve (4).....	149S	360	337	A											x	x			x	x	x	x	x	x	x			
Adams Lake State Lake Reserve.....	166S	97	47	A											x				x	x	x	x	x	x	x			
Roosevelt State Recreation Reserve.....	170S	256	17	x				x			x				x	x			x	x	x	x	x	x	x			
Jackson Lake State Lake Reserve (4).....	172S	406	243	A											x				x	x		x	x	x	x			
Monuments: Historic:																												
Fort Miamis State Memorial.....	5S	5											x		x													
Fallen Timbers State Memorial (5).....	6S	9											x		x													
Fort Meigs State Memorial.....	7S	46											x		x				x									
Hayes State Memorial.....	12S	26											x		x				x									
Kelley Island State Memorial.....	17S	4											x	x	x													
Garfield House State Memorial.....	26S	160											x		x				x	x								
McKinley Tomb State Memorial.....	42S	24											x		x				x									
Old Indian Mill State Memorial.....	52S	1											x		x													
Fort Amanda State Memorial.....	55S	10											x		x													
Fort Recovery State Memorial.....	57S	9											x		x													
Wapatomica State Memorial.....	60S	14											x		x													
Wright Earthworks State Memorial.....	64S												x		x													
Octagon Mound State Memorial.....	65S	139											x		x				x	x								
Mound Builders State Memorial.....	66S	66											x		x				x									
Fort Laurus State Memorial.....	71S	82											x		x				x									
Zoar Village State Memorial.....	73S	4											x		x													
McCoon House State Memorial.....	76S												x		x													
Schoenbrunn Village State Memorial.....	78S	190											x		x				x	x								
Gnadenhutten State Memorial.....	79S	9											x		x													
Custer State Memorial.....	81S	1											x		x													
Quaker Meeting House State Memorial.....	83S	5											x		x													
Flint Ridge State Memorial.....	92S	515						x					x		x				x	x								
Hauby House State Memorial.....	95S												x		x													
Campbell Mound State Memorial.....	97S	1											x		x													
Clark State Memorial.....	102S	97				x							x		x				x					x				
Greenville State Memorial.....	104S	45											x		x				x									
Fort Jefferson State Memorial.....	105S	6											x		x													
Fort St. Clair State Memorial.....	106S	89											x		x				x									
Miamisburg Mound State Memorial.....	109S	36				x							x		x				x									
Dunbar House State Memorial.....	111S												x		x													
Williamson Mound State Memorial.....	113S	2											x		x													
Glendower House State Memorial.....	114S	4											x		x													
Fort Ancient State Memorial.....	115S	687											x		x				x	x								
Logan Elm State Memorial.....	119S	5											x		x													
Tarleton Cross State Memorial.....	120S	17											x		x													
Sherman House State Memorial.....	121S												x		x													
Big Bottom State Memorial.....	131S	3											x		x													
Campus Martius State Memorial.....	133S					x							x		x													
McCoon Monument State Memorial.....	135S					x							x		x													
Buffington Island State Memorial.....	136S	4				x							x		x													
Leo Petroglyph State Memorial.....	139S	12											x		x													
Adena State Memorial.....	144S	300											x		x				x	x								
Story Mound State Memorial.....	146S	1											x		x													

See footnotes at end of table.

OHIO	Number on map	Acreage		Significant features									Type of use				Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Monuments: Historic—Continued																												
Seip Mound State Memorial.....	148S	10										x		x														
Fort Hill State Memorial.....	152S	1,190						x				x		x					x	x								
Serpent Mound State Memorial.....	153S	61										x		x					x									
Harrison Tomb State Memorial.....	161S	14				x						x		x														
Stowe House State Memorial.....	162S											x		x														
Grant's Birthplace State Memorial.....	163S	5				x						x		x														
Grant's Schoolhouse State Memorial.....	164S											x		x														
Rankin House State Memorial.....	165S	20				x						x		x					x									
Buckeye Furnace State Memorial.....	171S	267										x		x					x	x								
Our House State Memorial.....	173S											x		x														
Forests:																												
Zaleski State Forest.....	127S	17,037				x		x			x			x					x	x						x		
Tar Hollow State Forest.....	141S	16,027				x		x			x			x					x	x						x		
Shawnee State Forest.....	169S	56,235				x		x			x			x		x			x	x						x		
MAJOR LOCAL																												
Parks:																												
Cleveland Metropolitan Parks (4).....	23L	13,214	97	x										x	x				x	x	x	x	x	x		x	x	
Pleasant Hill Lake.....	48L	1,400	900		x									x	x				x	x	x	x	x	x				
Charles Mill Lake.....	49L	1,650	1,350		x									x	x		x		x	x	x	x	x	x		x		
Beach City Reservoir.....	70L	658	420		x									x					x	x		x	x					
Atwood Lake.....	75L	2,050	1,550		x									x	x		x		x	x	x	x	x	x				
Leesville Lake.....	77L	1,500	1,000		x									x	x				x		x	x	x	x		x		
Tappan Lake.....	80L	2,850	2,350		x									x	x				x	x	x	x	x	x				
Piedmont Lake.....	86L	2,770	2,270		x									x					x		x	x	x	x				
Clendening Lake.....	87L	6,330	1,800		x									x	x				x		x	x	x	x				
Seneca Lake.....	89L	4,250	3,550		x									x	x				x	x	x	x	x	x				
Columbus Metropolitan Parks.....	94L	477												x					x	x		x	x			x		
Recreation areas:																												
Toledo Metropolitan Parks.....	8L	4,626	14	x										x					x	x		x	x			x		
Cleveland Metropolitan Parks.....	22L	867												x					x	x						x		
Youngstown City Parks.....	33L	1,700												x	x				x	x	x	x	x			x		
Akron Metropolitan Parks.....	35L	5,761	14	x										x					x	x		x	x			x		
Canton City Parks.....	43L	226												x					x	x								
Columbus Metropolitan Parks.....	96L	873	4,627		A	x								x					x	x		x	x			x		
Springfield City Parks.....	100L	340												x					x	x								
Dayton Metropolitan Parks.....	110L	723												x					x	x								
Cincinnati Metropolitan Parks.....	160L	5,121												x					x	x						x		
MAJOR QUASI-PUBLIC AND PRIVATE																												
Monuments: Historic:																												
The Golden Lamb.....	174P												x			x	x											
William H. McGuffey House.....	175P												x			x	x											
Oberlin College.....	176P												x			x	x											
Nature preserves:																												
Lynx Prairie Nature Preserve.....	155P	300							x				x														x	
Buzzard's Roost Rock Nature Preserve.....	167P	62											x														x	
Foot trail: Buckeye Trail (4).....	125P	30 mi.							x					x	x				x	x	x						x	
POTENTIAL AREAS																												
NATIONAL																												
Parkway: Ohio River-Allegheny River (Ohio portion) (3).....	40N	312 mi.				x		x			x		x		x	x	x	x	x	x	x	x	x	x		x		
See footnotes at end of table.																												



## OHIO

OHIO	Number on map	Acreage		Significant features										Type of use				Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
POTENTIAL AREAS—Continued																													
STATE																													
Parks:																													
St. Joseph River.....	2S	5,868				x									x	x			x	x	x	x	x						
Defiance-Melrose.....	3S	19,300	M	x											x	x			x	x	x	x	x	x	x				
Sandusky Bay.....	13S	4,200					x					x			x	x			x	x	x	x	x	x		x			
Plum Brook.....	20S	1,331					x								x	x			x	x	x	x	x	x					
Little Beaver Creek (3).....	39S	12,500				x		x			x				x	x			x	x	x	x	x	x		x			
Hugle Run.....	41S	4,218	M	x											x	x			x	x	x	x	x	x					
Tymochtee Creek.....	53S	5,320	M	x											x	x			x	x	x	x	x	x		x			
Salt Fork Impoundment (3).....	88S	6,076	3,000		x										x	x			x	x	x	x	x	x					
Muskingum River (3).....	130S	4,300				x		x			x				x	x			x	x	x	x	x	x					
Sunfish Creek (3).....	132S	112,000				x		x			x				x	x			x	x	x	x	x	x		x	x		
Ross County (3).....	143S	7,473	M	x				x			x				x	x			x	x	x	x	x	x		x			
Ohio Brush Creek.....	154S	12,000	M	x				x			x				x	x			x	x	x	x	x	x		x			
Whiteoak Creek (3).....	157S	8,000	M	x											x	x			x	x	x	x	x	x		x			
Shawnee (3).....	168S	82,000				x		x			x				x	x			x	x	x	x		x		x	x		
Recreation areas:																													
Geneva-on-the-Lake.....	29S	523					x								x	x			x	x	x	x	x	x					
West Branch Reservoir.....	34S	4,780	2,800		x										x	x		x	x	x	x	x	x	x					
Bucyrus Reservoir (3).....	51S	7,170	640		x										x				x	x		x	x	x					
Mill Creek Reservoir.....	61S	3,950	2,100		x										x				x	x		x	x	x					
Alum Creek Reservoir.....	63S	4,300	1,150		x										x			x	x	x	x	x	x	x					
Frayesburg Reservoir (3).....	67S	6,970	970		x										x				x	x		x	x	x					
Mohawk Reservoir (3).....	68S	7,772	M		x										x	x			x	x	x	x	x	x					
Wills Creek Reservoir.....	69S	5,325	900		x			x							x	x			x	x	x	x	x	x					
Bolivar Reservoir (3).....	72S	1,296	S		x										x				x	x		x	x	x					
Dover Reservoir.....	74S	5,667	350		x										x	x			x	x	x	x	x	x					
Big Darby Creek Reservoir.....	98S	2,843	500		x										x			x	x	x	x	x	x	x					
Toms Run Lake.....	108S	1,357	157	x											x				x	x		x	x	x					
Deer Creek Reservoir (3).....	117S	2,350	760		x										x	x			x	x	x	x	x	x					
Logan Reservoir (3).....	122S	4,400	400		x										x	x			x	x	x	x	x	x					
Salt Creek Reservoir.....	140S	3,275	1,200		x						x				x	x			x	x	x	x	x	x					
Paint Creek Reservoir (3).....	151S	3,650	500		x										x	x			x	x	x	x	x	x					
East Fork Reservoir (3).....	159S	2,510	710		x										x	x			x	x	x	x	x	x					
Nature preserves:																													
Blackbrook Swamp.....	27S	700										x			x											x			
Dysant Woods.....	84S	44						x				x			x											x			
Little Rocky.....	124S	320						x				x			x											x			
LOCAL																													
Recreation areas:																													
Bay Shores.....	9L	600					x								x				x	x		x	x	x					
Buck Creek Reservoir.....	101L	710	410		x										x				x	x		x	x	x					

(7) Where acreage not shown:

"S" indicates water surface under 500 acres.

"M" indicates water surface of 500 to 10,000 acres.

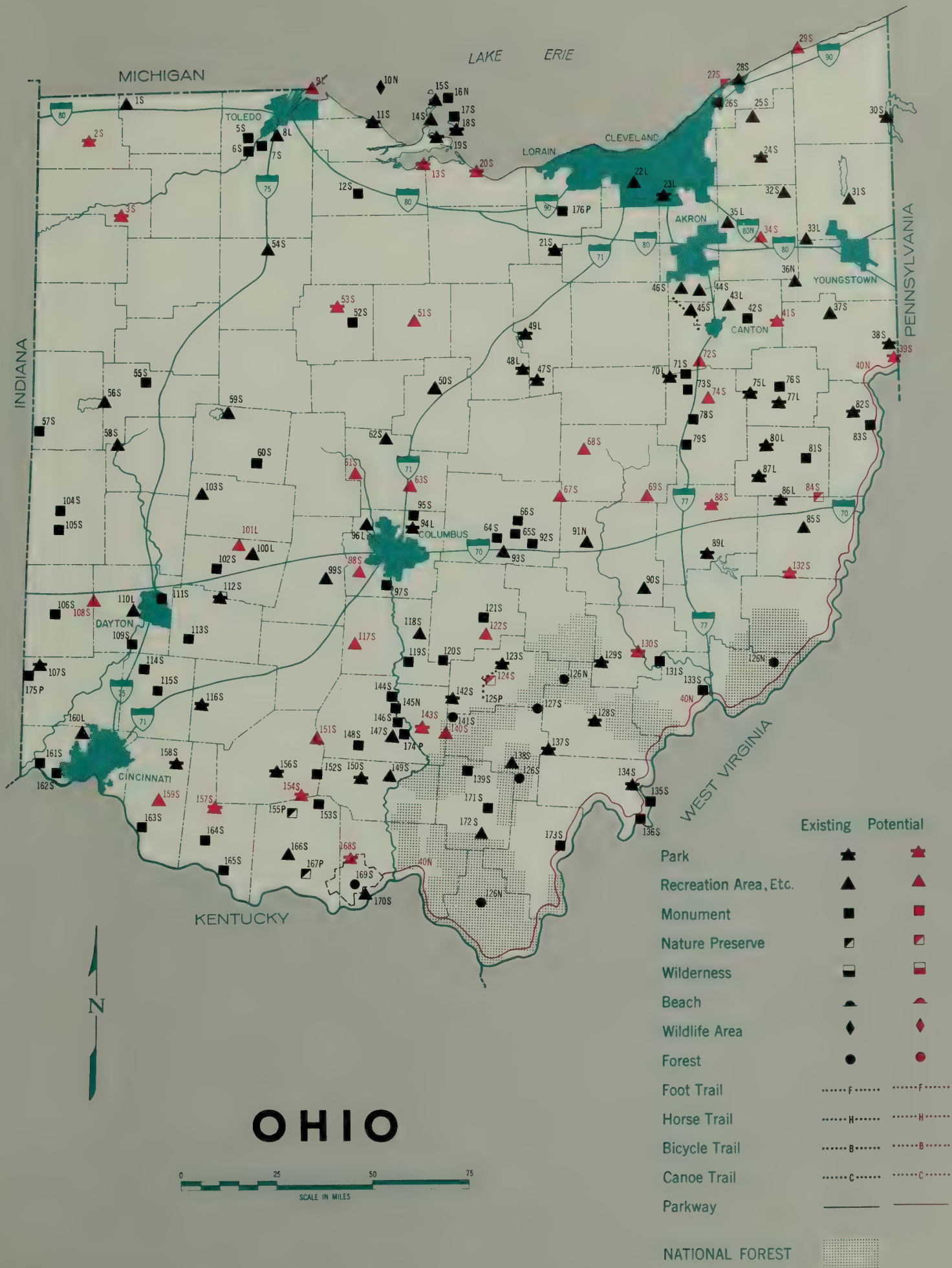
"L" indicates water surface over 10,000 acres.

(2) An "A" indicates all or major portions of water surface acreage is adjacent to the area.

(3) Suggested area—qualifications not wholly determined. Further study required.

(4) Major additions recommended.

(5) Eligible for Registered National Historic Landmark status.







# SOUTH DAKOTA

**S**OUTH DAKOTA, a northern Great Plains State bisected by the Missouri River, offers excellent recreational opportunities, particularly for hunting and fishing.

The State population increased 4 percent in the decade 1950-60 to 680,514, with 39 percent urban. Projections indicate the population may be 796,000 by 1976. The average density in 1960 was 8.9 persons per square mile.

Tourism ranks third in the State's economy. An estimated 4 million out-of-State visitors spent \$106 million in South Dakota in 1960. The Black Hills and Badlands area produced the major portion of the tourist income, \$79.5 million.

East-west highways channel eastern out-of-State travel to the Black Hills and west to major targets such as Yellowstone National Park.

The State has a variety of surface features—the Black Hills and Badlands in the west, the Missouri River in the center, and the pothole lakes in the northeast. Typical Great Plains weather prevails: hot summers and long, cold winters. The Black Hills, nationally famous for Mount Rushmore and Custer State Park, offer exceptional opportunities to see buffalo and elk. Waterfowl are plentiful, and the State is noted for its Chinese ringneck pheasants. A significant recreation resource is the development of the main stem of the Missouri River which will provide four major reservoirs.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers a national park, a national memorial, and two national monuments totaling 129,360 acres. The 1960

attendance was 2,858,700. The Forest Service administers 2 national forests of 1,120,813 acres in which there are 65 developed recreation areas on 700 acres and 1 wildlife preserve of 46,000 acres. The Bureau of Sport Fisheries and Wildlife administers five national wildlife refuges totaling 19,169 acres. The Corps of Engineers administers five reservoirs which have 222,122 acres of land and 582,815 acres of water; except for Oahe Reservoir, recreation use is administered by other agencies.

**STATE:** The South Dakota Game, Fish and Parks Department administers 98 parks and recreation areas totaling 88,812 acres. One park—Custer State Park—contains 72,000 acres; 1960 attendance was 3,645,190. The State also has 50 waysides. The Fish and Game Division administers 66,454 acres in 207 hunting and fishing areas. The South Dakota State Historical Society has placed 340 State markers and monuments throughout the State.

**PRIVATE ENTERPRISE:** Private enterprise provides a wide variety of recreation opportunities. Resorts are found in the pothole lake country and the Black Hills, where there are three privately owned campgrounds.

## PARK AND RELATED NEEDS

Because South Dakota's major recreation resources are in the extreme western portion of the State, there exists a geographic imbalance in the existing State park system. There is a need for more park facilities in the eastern quarter of the State, near the major portion of the State's population.



Existing State areas contain 88,812 acres. No existing local areas have been identified. Potential State areas identified total 15,050 acres. Additional acreage will be needed to adequately serve the projected population and expected increase in visitors. The 220 acres in identified potential local areas are far short of the 1976 needs. The wayside system should receive some attention in terms of spacing. Interstate routes 25 and 90 will need off-highway waysides and camping facilities.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are offered to help meet South Dakota's outdoor recreation needs.

**STATE:** Protection of valuable resources and provision of a balanced park system by the addition of one park, seven monuments, three nature preserves, and three recreation areas. Further study of one potential park area and additions to six existing parks. Designation and protection for five scenic roads and three free-flowing streams and further study of a

scenic route from the Badlands to the Black Hills.

**LOCAL:** Two local recreation areas are listed for consideration.

Supporting recommendations include—

1. Cooperative study to determine desirability and feasibility of a Lewis and Clark historic tourway coordinated with other States and appropriate agencies.
2. Acquisition by the State of suitable pothole lake-shore land, to be held in a recreation reserve.
3. Reconstruction of Fort Pierre Chateau site as a major interpretive center on the Lewis and Clark Trail.
4. Archeological artifacts salvaged from sites that will be affected by the Missouri River development should be incorporated in an interpretive center coupled with in situ exhibits at Crow Creek Village site.
5. Provision of adequate acreage for recreation development of Oahe, Gavins Point, Fort Randall, and Big Bend Reservoirs.



A potential State recreation area, located on the Pine Ridge Indian Reservation, is Denby Lake, 11 miles east of Pine Ridge.

		Acreage		Significant features										Type of use			Activities												
	Number on map	Total land and water within area	Water surface	Lake (T)	Reservoir (T)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
SOUTH DAKOTA																													
EXISTING AREAS																													
FEDERAL																													
Park: Wind Cave National Park . . . . .	70N	28, 059						x	x			x	x	x	x	x	x	x	x	x	x					x		x	
Recreation area: Oahe Dam (Corps of Engineers) . .	55N	70, 000	358, 100	x				x				x	x		x	x		x	x		x	x	x	x	x	x			
Monuments:																													
Scientific:																													
Jewel Cave National Monument . . . . .	66N	1, 275						x							x	x	x	x	x	x	x					x			
Badlands National Monument (3) . . . . .	79N	98, 806						x				x	x		x	x	x	x	x	x	x					x			
Historic: Mount Rushmore National Memorial .	68N	1, 220									x		x		x	x	x	x											
Forests:																													
Custer National Forest . . . . .	2N	73, 707						x			x	x			x	x	x	x	x	x	x			x	x	x	x	x	
Black Hills National Forest . . . . .	65N	1, 047, 106						x			x	x			x	x	x	x	x	x				x	x	x	x	x	
(Norbeck Wildlife Preserve) . . . . .	67N	(46, 000)						x			x	x			x	x	x	x	x	x			x	x	x	x	x	x	
Wildlife areas:																													
Sand Lake National Wildlife Refuge . . . . .	16N	9, 277	12, 174	A				x				x			x	x	x	x	x		x	x	x	x	x	x			
Waubay National Wildlife Refuge . . . . .	29N	2, 587	1, 872	A								x			x		x	x	x		x	x	x	x	x	x			
Belle Fourche National Wildlife Refuge . . . . .	62N	5, 640	8, 040	A					x			x			x		x	x	x		x	x	x	x	x	x			
La Creek National Wildlife Refuge . . . . .	82N	993	4, 449	A					x			x			x		x	x	x		x	x	x	x	x	x			
Lake Andes National Wildlife Refuge . . . . .	94N	672	270	A					x			x			x		x	x	x		x	x	x	x	x	x			
STATE																													
Parks:																													
Bear Butte State Park . . . . .	59S	1, 200										x		x	x	x		x	x	x	x					x			
Roy Lake State Park . . . . .	24S	632	800	A											x	x		x	x	x	x	x	x	x	x	x			
Hartford Beach State Park . . . . .	32S	60	9, 600	A				x				x			x	x		x	x	x	x	x	x	x	x	x			
Oakwood Lakes State Park . . . . .	39S	106	600	A				x				x	x		x	x		x	x	x	x	x	x	x	x	x			
Farm Island State Park . . . . .	54S	1, 800				x		x				x	x		x	x	x	x	x	x	x	x	x	x	x	x			
Custer State Park (3) . . . . .	69S	72, 000						x			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	
Lake Herman State Park . . . . .	103S	120	1, 880	A				x				x	x		x	x	x	x	x	x	x	x	x	x		x			
Newton Hills State Park (3) . . . . .	108S	680				x		x				x			x	x	x	x	x	x	x					x			
Recreation areas:																													
Tipperary Cooperative . . . . .	1S	3						x							x			x	x										
Llewellyn-Johns Memorial . . . . .	4S	80						x							x			x	x		x								
Shadehill Reservoir . . . . .	5S	1, 253	4, 800	A				x				x			x			x	x		x	x	x	x	x	x			
Lake Isabell Cooperative . . . . .	6S	20	90	A				x				x			x			x	x	x	x	x	x	x	x				
Lake Molstad Cooperative . . . . .	7S	20	20	A				x				x			x			x	x	x	x	x	x	x					
Pollock Cooperative . . . . .	8S	67						x							x			x	x	x	x	x	x	x					
Herreid Cooperative . . . . .	9S	2						x										x											
Lake Campbell Cooperative . . . . .	10S	60	1, 000	A				x							x	x		x	x		x	x	x	x	x	x			
Lake Hiddenwood State Park . . . . .	11S	169	30	A				x				x			x	x		x	x	x	x	x	x	x	x	x			
Bowdle-Hosmer Cooperative . . . . .	12S	40	130	A								x			x			x	x										
Lake Faulkton State Recreation Area . . . . .	13S	320	100	A				x				x			x			x	x	x	x	x	x	x					
Mina Lake Cooperative . . . . .	14S	200	40	A				x				x			x			x	x	x		x	x	x					
Richmond Lake State Recreation Area . . . . .	15S	480	1, 000	A				x				x			x			x	x	x	x	x	x	x					
Fisher Grove State Park . . . . .	18S	120				x		x							x	x		x	x		x				x				
Doland Cooperative . . . . .	19S	10						x							x			x	x										
Bailey Lake Cooperative . . . . .	20S	32	300	A				x							x			x	x				x	x	x				
Amsden Dam Cooperative . . . . .	21S	13	80	A				x							x			x	x			x	x	x					
Lake Pierpont Cooperative . . . . .	22S	160	60	A				x				x			x			x	x	x	x	x	x	x					
Clear Lake Recreation Area . . . . .	25S	3	600	A				x							x				x			x	x	x					
Pickerel Lake State Recreation Area . . . . .	28S	60	700	A				x				x			x			x	x		x	x	x	x		x			
Sandy Shores State Recreation Area . . . . .	30S	8	5,160	A											x			x	x			x	x						
Stockholm Cooperative . . . . .	33S	20				x		x										x	x										
Labolt Cooperative . . . . .	34S	29	7	A				x							x			x	x										



SOUTH DAKOTA	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Recreation areas—Continued																												
Ulven Beach Cooperative.....	36S	17	600	A					x			x			x			x	x		x	x	x	x	x			
Lake Hendricks State Recreation Area.....	38S	6	1,600	A					x			x	x		x			x	x	x	x	x	x	x	x			
Lake Norden Cooperative.....	40S	5	700	A					x			x			x			x			x	x	x	x	x			
Lake Agnew Cooperative.....	42S	40	40	A					x			x			x			x	x			x	x	x				
Lake Osceola State Recreation Area.....	43S	40	80	A					x			x			x			x	x		x	x	x	x				
Lake Iroquois Cooperative.....	44S	160	80	A					x			x			x			x	x		x	x	x	x				
Lake Carthage Cooperative.....	45S	4	38	A					x			x			x			x				x	x	x				
Huron Memorial Park Cooperative.....	46S	30				x			x			x			x			x	x									
Lake Byron State Recreation Area.....	47S	15	1,200	A					x						x			x	x			x	x	x				
Rose Hill Cooperative.....	48S	20		A					x						x			x	x			x		x				
Lake Louise State Recreation Area.....	49S	320	135	A								x			x			x	x		x	x	x	x				
Lake Chapelle Cooperative.....	51S	56	20	A					x						x			x	x		x	x	x	x				
Durkee Lake Cooperative.....	58S	640	78	A											x			x	x		x	x	x	x				
Bear Butte Lake Cooperative.....	60S	25	150	A								x	x		x			x	x			x	x					
Newell Lake Cooperative.....	61S	15	80	A											x			x	x									
Cold Brook Reservoir.....	71S	472	1,851	A											x	x		x	x		x	x	x	x				
Battle Mountain.....	72S	10						x			x		x		x			x	x									
Angostura Reservoir.....	73S	472	4,800	A								x			x	x		x	x	x	x	x	x	x	x	x	x	x
Bad River State Recreation Area.....	80S	8				x									x			x	x	x		x	x	x		x	x	x
Kadoka Lake Cooperative.....	81S	160	200	A					x						x			x	x			x	x	x				
White River Cooperative.....	86S	17	10	A					x						x			x	x			x	x	x				
Lake Byre Cooperative.....	87S	30	4	A					x						x			x	x	x		x	x	x				
Fate Lake Cooperative.....	88S	20	30	A					x						x			x	x	x		x	x	x				
Rahn Lake Cooperative.....	89S	80	40	A					x						x			x	x									
Burke Lake Cooperative.....	90S	160	20	A											x			x	x			x	x					
American Creek Cooperative.....	92S	30				x									x			x				x						
Lake Platte Cooperative.....	93S	320	100	A											x			x	x		x	x	x	x	x			
Fort Randall Reservoir (14 areas).....	95S	3,310	118,000	A								x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Lake Corsica Cooperative.....	96S	120	80	A					x						x			x	x			x	x	x				
Fish Lake Cooperative.....	97S	60	800	A					x						x			x	x		x	x		x				
Lake Mitchell Cooperative.....	98S	70	900	A					x			x			x			x	x	x	x	x	x	x				
Lake Hanson Cooperative (3).....	99S	30	100	A											x			x	x						x			
East Vermillion Lake Cooperative.....	102S	60	550	A											x			x	x			x	x	x				
Dells of the Sioux Cooperative (3).....	104S	30				x			x						x	x		x	x					x				
Palisades State Recreation Area (3).....	105S	52				x			x			x	x	x	x			x	x		x			x				
Lake Alvin Recreation Area.....	107S	20	30	A					x			x			x			x	x			x	x	x				
Union County State Park.....	111S	124													x			x	x		x							
Lewis and Clark Lake (Gavins Point Dam) 12 areas.....	113S	1,834	33,000	A					x			x	x	x	x			x	x	x	x	x	x	x	x	x	x	x
Monuments: Historic:																												
Fort Sisseton State Park (3).....	23S	10											x		x			x	x	x								
Mentor Graham.....	52S	1											x		x			x										
Forest: De Smet State Forest.....	41S	152						x							x			x	x	x	x					x	x	
MAJOR QUASI-PUBLIC AND PRIVATE																												
Recreation area: Ghost Hawk Campground (Rosebud Reservation).....	85P	20				x			x			x			x			x	x	x	x			x		x		
Monument: Historic: Mellette House.....	31P	1										x			x			x										
See footnotes at end of table.																												

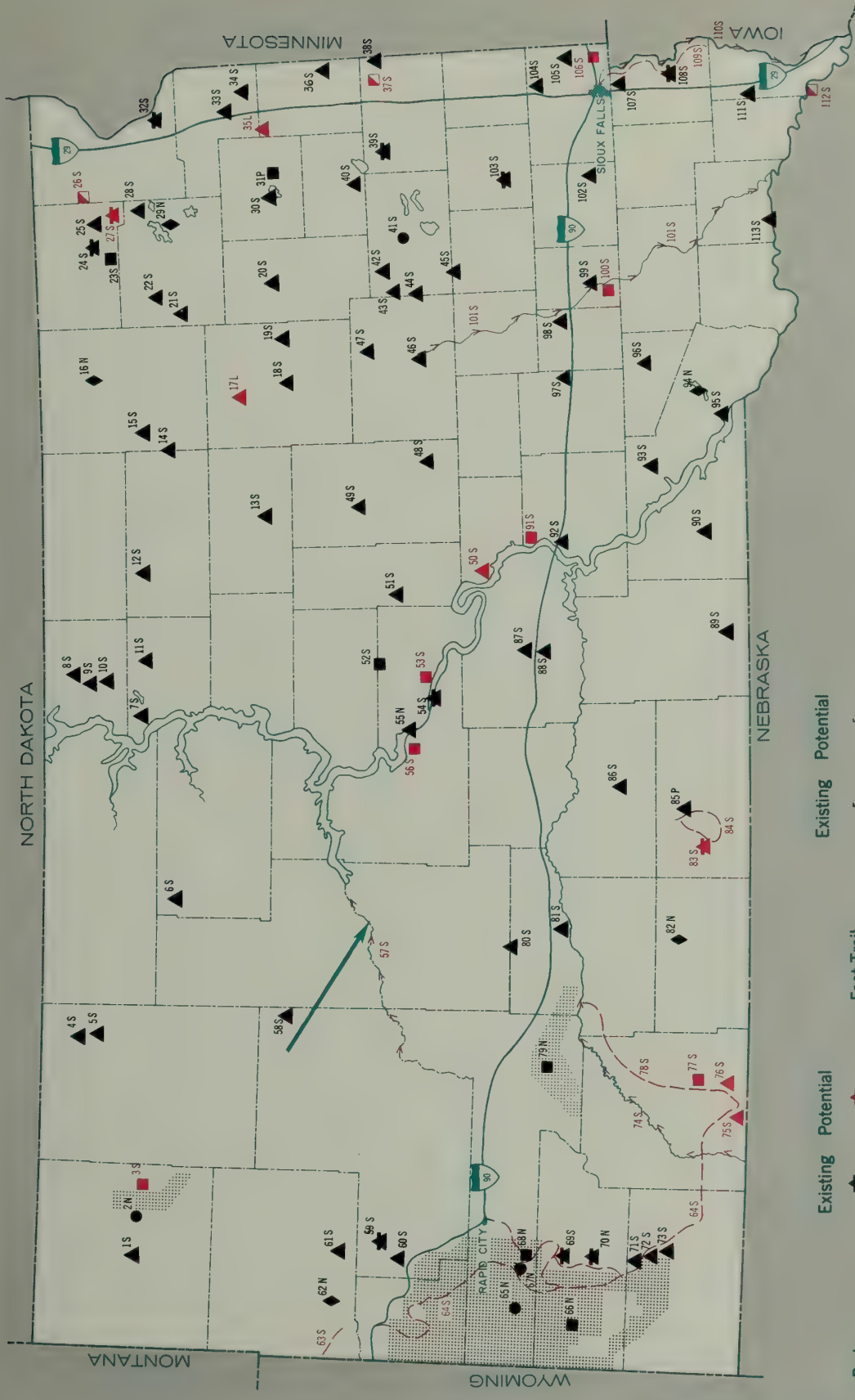
See footnotes at end of table.

- (1) An "A" indicates water surface acreage is adjacent to area.
- (2) Suggested area—qualifications not wholly determined. Further study required.
- (3) Major additions recommended.





Some of the most spectacular Badlands formations occur in the Sheep Mountain area, adjacent to Badlands National Monument, South Dakota, and suggested for possible addition to the monument.



# SOUTH DAKOTA

- |                       | Existing           | Potential   |
|-----------------------|--------------------|-------------|
| Park                  | ★                  | ★           |
| Recreation Area, Etc. | ▲                  | ▲           |
| Monument              | ■                  | ■           |
| Nature Preserve       | ▣                  | ▣           |
| Wilderness            | ▤                  | ▤           |
| Beach                 | ◐                  | ◐           |
| Wildlife Area         | ◆                  | ◆           |
| Forest                | ●                  | ●           |
| Foot Trail            | .....F.....        | .....f..... |
| Horse Trail           | .....H.....        | .....h..... |
| Bicycle Trail         | .....B.....        | .....b..... |
| Canoe Trail           | .....C.....        | .....c..... |
| Scenic Route          | —                  | —           |
| Free-flowing Stream   | —                  | —           |
| NATIONAL FOREST       | [Stippled Pattern] |             |







**W**ISCONSIN has an abundance of outdoor recreation resources attributable primarily to glacial action, the effects of which are in evidence throughout a major portion of the State.

The State has experienced an increase of over one-half million in population in the last decade, and projections indicate that the population will further increase from 3,951,777 in 1960 to 5,131,000 by 1976. In 1960, about 63 percent of the population was urban, an increase of 27 percent since 1950. Density ranges from 7 per square mile in Florence County to 4,335 in Milwaukee County. There are 5 metropolitan areas of over 100,000 people in the State.

The vacation and tourist industry amounted to \$581 million in the fiscal year 1959-60. Slightly more than 50 percent of this revenue was from nonresidents. About 3,690,000 nonresidents spent at least part of their vacation in Wisconsin.

Bus and airline transportation bring in some vacationists, but the majority of recreation travel is by automobile. The Interstate Highway System will facilitate the movement of recreation-bent people from Chicago and urban centers in the southeastern part of the State toward the northwestern lakes region.

Relatively cool summers plus varied and abundant recreation resources make the State an important summer vacation region in the Midwest. Winter conditions are excellent for all types of winter sports.

The primary natural resources include Lake Michigan, Lake Superior, and Green Bay; the Great North Woods, encompassing thousands of lakes and ponds and 3,967,000 acres of National, State, and county forests; also numerous other lakes, rivers, and streams scattered throughout the State. There are a number of historic and prehistoric sites of which the Oconto

Site and Prairie du Chien possess exceptional value in commemorating the history of the United States.

## EXISTING PUBLIC AREAS

**NATIONAL:** The Forest Service administers two national forests totaling 1,467,515 acres in which there are several small recreation areas. Seven national wildlife refuges, comprising 149,228 acres, are administered by the Bureau of Sport Fisheries and Wildlife.

**STATE:** The Forests and Parks Division administers 30 parks and recreation areas, totaling 22,391 acres, and 11 historic sites. The combined attendance in 1960 was 5,289,926.

The Division also administers 9 forests totaling 366,409 acres, with a visitation of 976,883 in 1960. Only the major forests are plotted on the map. The Fish and Game Management Division administers 149 fish and game management areas totaling 183,032 acres and some 648 fishing access sites. Approximately 182 waysides are under the Department of Highways.

**LOCAL:** There are 27 county forests covering 2,201,786 acres, and 181 county park and recreation areas with a total of 35,219 acres. The major county forests with developed recreation areas are plotted on the map.

**PRIVATE ENTERPRISE:** Privately financed recreation accommodations and services are extremely important to vacationers. Cabins, boat rentals, guide services, etc., provided in the northern lake country are almost exclusively privately owned and operated.



## PARK AND RELATED NEEDS

Shorelands of Lake Michigan, Green Bay, and Lake Superior require immediate attention aimed at acquiring and providing for park or related recreation use where such action is merited.

The timberland and lake regions should be extensively preserved in order to maintain the North Woods atmosphere for which northern Wisconsin is famous. Several free-flowing streams should be considered for preservation in their natural state. Day and weekend use facilities are needed in the populous southeastern portion of Wisconsin. Study should be given to the possibility of establishing recreation roads or parkways northward from the proposed Interstate Route 90 into the vacation area of northern Wisconsin.

Existing State parks and forests provide approximately 101,145 acres, and local parks and forests provide 63,802 acres developed and used primarily for recreation. Additional lands are needed to protect the recreation resources and provide adequate public recreation areas. Potential areas identified in this plan total 125,735 acres of State significance and 1,393 acres of local significance. In addition other areas should be selected and developed to provide well-distributed and adequate State and local parks by 1976.



Beach and dunes make the Whitefish Bay area a valuable recreation resource for Wisconsin.

About 55,000 acres of existing State and county forest lands have the potential for providing increased recreation through development and access.

Except for day and weekend use facilities in the populous southeastern portion, Wisconsin's most important recreation need is to provide for vacationists. Revenues for the State's 10-year recreation and resource development program should help substantially in this respect.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. Action on the following recommendations is urged so that they can help provide needed outdoor recreation opportunities for public enjoyment and use.

**NATIONAL:** Establishment of an Ice Age National Scientific Reserve representing continental glaciation features in Wisconsin.

Study of potentialities for a Lake Superior Parkway extending from Superior, Wis., to Sault St. Marie, Mich. Approximately 145 miles of such a parkway would pass through northern Wisconsin.

**STATE:** Expansion of the State park system by the addition of 4 parks and 10 recreation areas and additions to 18 existing areas. Also, further study of 26 other potential parks and recreation areas.

Designation and protection of free-flowing streams, such as the Bois Brule, Flambeau, Namekagon, St. Croix, and Wolf Rivers, for recreation.

Establishment of a foot trail along the entire length of the end moraine through Wisconsin on standards similar to those of the Appalachian Trail.

Continuation of progress toward establishing the Great River Road.

**LOCAL:** Further study on the establishment of five recreation areas.

Supporting recommendations include—

1. Protection of the most scenic river valleys and highway routes either by zoning or purchasing scenic easements.
2. Similar protection for large timber and lake regions where they are not included in existing publicly owned and protected areas.





WISCONSIN	Number on map	Acreage		Significant features									Type of use			Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS—Continued																													
STATE—Continued																													
Monuments: Historic—Continued																													
First Capitol State Park.....	190S	2										x		x				x											
Aztalan State Park.....	206S	123				x						x		x				x	x					x					
Cushing Memorial Park.....	214S	10										x		x				x											
Nature Preserve: Cedar Grove Hawk Refuge.....	144S	31									x			x												x			
Forests:																													
Apostle Islands State Forest (4).....	9S	9,801					x	x				x						x	x	x	x	x	x	x	x	x		x	
Flambeau River State Forest (4).....	20S	75,261	M	x		x		x				x				x	x	x	x	x	x	x	x	x	x	x		x	
Brule River State Forest (4).....	31S	25,816	S	x		x		x				x	x		x	x	x	x	x	x	x	x	x	x	x	x			
Northern Highland State Forest (4).....	52S	126,659	L	x		x		x				x			x	x	x	x	x	x	x	x	x	x	x	x	x	x	
American Legion State Forest (4).....	55S	40,217	M	x		x		x				x			x	x	x	x	x	x	x	x	x	x	x	x		x	
Black River State Forest (4).....	108S	62,624	M	x		x		x				x				x	x	x	x	x	x	x	x	x	x	x			
Kettle Moraine State Forest (North) (4).....	141S	15,432	M	x		x		x							x	x	x	x	x	x	x	x	x	x	x	x			
Kettle Moraine State Forest (South) (4).....	211S	7,922	S	x				x							x	x	x	x	x	x	x	x	x	x	x	x	x		
Parkway: Kettle Moraine Drive.....	149S	120 mi.	M	A		x		x							x	x	x		x	x	x								
Canoe trails:																													
Bois Brule River.....	5S	60 mi.				x		x				x			x	x	x		x		x	x	x	x					
Bad-Marengo Rivers.....	12S	20 mi.				x		x				x			x				x		x	x	x						
Manitowick River.....	17S	50 mi.			x		x	x				x			x	x	x		x		x	x	x	x					
Flambeau River.....	18S	110 mi.				x		x				x			x	x	x		x		x	x	x	x					
Chippewa River.....	22S	180 mi.		x		x		x				x	x		x	x	x		x		x	x	x	x					
West Fork Chippewa River.....	24S	25 mi.			x		x		x			x			x	x			x		x	x	x	x					
Namekagon River.....	26S	70 mi.				x		x				x			x	x			x		x	x	x	x					
St. Croix River.....	29S	160 mi.				x		x				x			x	x	x		x		x	x	x	x					
South Fork Flambeau River.....	47S	50 mi.				x		x				x			x	x			x		x	x	x	x					
Tomahawk River.....	49S	45 mi.				x	x	x				x			x				x		x	x	x	x					
Turtle River.....	51S	65 mi.			x		x	x				x			x	x	x		x		x	x	x	x					
Wisconsin River.....	56S	320 mi.			x	x	x		x			x			x	x	x		x		x	x	x	x					
3 Lakes-Eagle River.....	59S	40 mi.			x		x		x			x			x	x	x		x		x	x	x	x					
Brule River.....	61S	35 mi.					x	x				x			x	x			x		x	x	x	x					
Menominee River.....	65S	85 mi.				x	x		x			x	x		x	x			x		x	x	x	x					
Peskigo River.....	67S	65 mi.				x	x		x			x			x	x			x		x	x	x	x					
Wolf River.....	72S	150 mi.			x		x		x			x			x	x	x		x		x	x	x	x					
Black River.....	105S	65 mi.					x		x			x			x	x			x		x	x	x	x					
Waupaca Chain of Lakes.....	119S	25 mi.			x				x			x			x	x			x		x	x	x	x					
Milwaukee River.....	148S	40 mi.				x						x			x	x			x		x	x	x	x					
Fox River.....	155S	75 mi.			x		x		x			x			x	x	x		x		x	x	x	x					
Baraboo River.....	161S	40 mi.				x		x				x			x	x			x		x	x	x	x					
Lemonweir River.....	164S	30 mi.				x	x		x			x			x	x			x		x	x	x	x					
Kickapoo River.....	177S	55 mi.					x		x			x			x				x		x	x	x	x					
West Fork Pecatonica River.....	198S	35 mi.					x					x			x	x			x		x	x	x	x					
East Fork Pecatonica River.....	199S	25 mi.					x					x			x	x			x		x	x	x	x					
Rock River.....	205S	110 mi.			x		x		x			x			x	x	x		x		x	x	x	x					
Yahara River.....	208S	25 mi.			x		x					x			x	x	x		x		x	x	x	x					
Little Fox River.....	220S	35 mi.					x		x			x			x	x	x		x		x	x	x	x					
MAJOR LOCAL																													
Parks:																													
Douglas County Parks (2 areas).....	3L	167						x							x				x	x	x	x	x	x					
Bayfield County Parks (2 areas).....	11L	75						x							x				x	x		x	x	x					
Iron County Parks (4 areas).....	15L	208						x							x				x	x	x	x	x	x					
Washburn County Parks (2 areas).....	28L	120						x							x				x	x	x	x	x	x					
Barron County Parks (5 areas).....	38L	176						x							x				x	x	x	x	x	x					
Chippewa County Parks (3 areas).....	41L	50						x							x				x	x		x	x	x					

See footnotes at end of table.

# WISCONSIN

WISCONSIN	Number on map	Acreage		Significant features										Type of use				Activities										
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
MAJOR LOCAL—Continued																												
Parks—Continued																												
Price County Park . . . . .	45L	20					x							x				x	x		x	x						
Vilas County Parks (3 areas) . . . . .	57L	22												x				x	x		x	x						
Florence County Parks (4 areas) . . . . .	62L	139					x							x				x	x	x	x	x	x					
Marinette County Parks (8 areas) . . . . .	66L	1,090					x							x				x	x	x	x	x	x					
Oconto County Parks (6 areas) . . . . .	69L	230					x							x				x	x	x	x	x	x					
Forest County Park . . . . .	78L	78					x							x				x	x		x	x	x					
Langlade County Park . . . . .	81L	50					x							x				x	x		x	x	x					
Shawano County Parks (2 areas) . . . . .	84L	45												x				x	x		x	x	x					
Marathon County Parks (9 areas) . . . . .	86L	1,892					x							x				x	x	x	x	x	x					
Clark County Parks (11 areas) . . . . .	87L	89					x							x				x	x		x	x	x					
Eau Claire County Parks (6 areas) . . . . .	90L	1,746					x							x				x	x	x	x	x	x					
Dunn County Parks (6 areas) . . . . .	93L	6												x				x			x		x					
Jackson County Park . . . . .	107L	15												x				x			x	x	x					
Wood County Parks (3 areas) . . . . .	110L	479					x							x				x	x	x	x	x	x					
Juneau County Parks (2 areas) . . . . .	114L	187					x							x				x	x	x	x	x	x					
Adams County Parks (2 areas) . . . . .	115L	52												x				x			x	x	x					
Portage County Parks (4 areas) . . . . .	117L	99					x							x				x	x		x	x	x					
Waupaca County Parks (3 areas) . . . . .	120L	64					x							x				x			x	x	x					
Winnebago County Park . . . . .	121L	24												x				x			x	x	x					
Outagamie County Parks (2 areas) . . . . .	122L	161					x							x				x	x	x	x	x	x					
Brown County Parks (2 areas) . . . . .	124L	81												x				x	x		x	x	x					
Door County Parks (14 areas) . . . . .	128L	492												x				x	x	x	x	x	x					
Kewaunee County Parks (5 areas) . . . . .	135L	65												x				x			x	x	x					
Calumet County Park . . . . .	138L	200					x							x				x	x	x	x	x	x					
Sheboygan County Park . . . . .	139L	14,000					x							x				x	x	x	x	x	x					
Ozaukee County Parks (5 areas) . . . . .	145L	233					x							x				x	x		x	x	x					
Dodge County Parks (5 areas) . . . . .	151L	62												x				x			x	x	x					
Fond du Lac County Parks (3 areas) . . . . .	153L	108												x				x	x		x	x	x					
Green Lake County Parks (2 areas) . . . . .	154L	17												x				x			x	x	x					
Marquette County Park . . . . .	156L	42												x				x	x		x	x	x					
Columbia County Parks (2 areas) . . . . .	157L	22					x	x						x		x	x	x			x	x	x					
LaCrosse County Parks (5 areas) . . . . .	166L	757												x				x	x	x	x	x	x					
Vernon County Parks (3 areas) . . . . .	171L	85												x				x	x		x	x	x					
Dane County Parks (6 areas) . . . . .	202L	141												x				x	x	x	x	x	x					
Jefferson County Parks (7 areas) . . . . .	204L	24												x				x			x		x					
Rock County Parks (3 areas) . . . . .	210L	71												x				x	x		x	x	x					
Waukesha County Parks (4 areas) . . . . .	212L	1,115					x							x				x	x	x	x	x	x					
Milwaukee County Parks . . . . .	216L	9,348					x							x				x	x	x	x	x	x					
Racine County Parks (7 areas) . . . . .	217L	158												x				x	x		x	x	x					
Kenosha County Parks (3 areas) . . . . .	219L	492					x							x				x	x	x	x	x	x					
Recreation areas:																												
Green Bay City Park . . . . .	126L	24												x				x			x	x						
Racine City Parks (2 areas) . . . . .	218L	398					x							x				x			x	x						
Forests:																												
Bayfield County Forest . . . . .	6L	163,544					x	x	x		x			x	x			x	x	x	x	x	x					
Iron County Forest . . . . .	14L	171,435					x	x	x		x			x	x			x	x	x	x	x	x					
Ashland County Forest . . . . .	16L	32,223	S	x			x		x		x			x	x			x	x	x	x	x	x					
Sawyer County Forest . . . . .	21L	112,701					x		x		x			x	x			x	x	x	x	x	x					
Washburn County Forest . . . . .	27L	142,741					x		x		x			x	x			x	x	x	x	x	x					
Douglas County Forest . . . . .	33L	245,882	M	x			x		x		x			x	x			x	x	x	x	x	x					
Burnett County Forest . . . . .	35L	100,498					x		x		x			x	x			x	x	x	x	x	x					
Rush County Forest . . . . .	40L	84,046	M	x			x		x		x			x	x			x	x	x	x	x	x					
Chippewa County Forest . . . . .	42L	27,703	S	x			x		x		x			x	x			x	x	x	x	x	x					

See footnotes at end of table.



# WISCONSIN

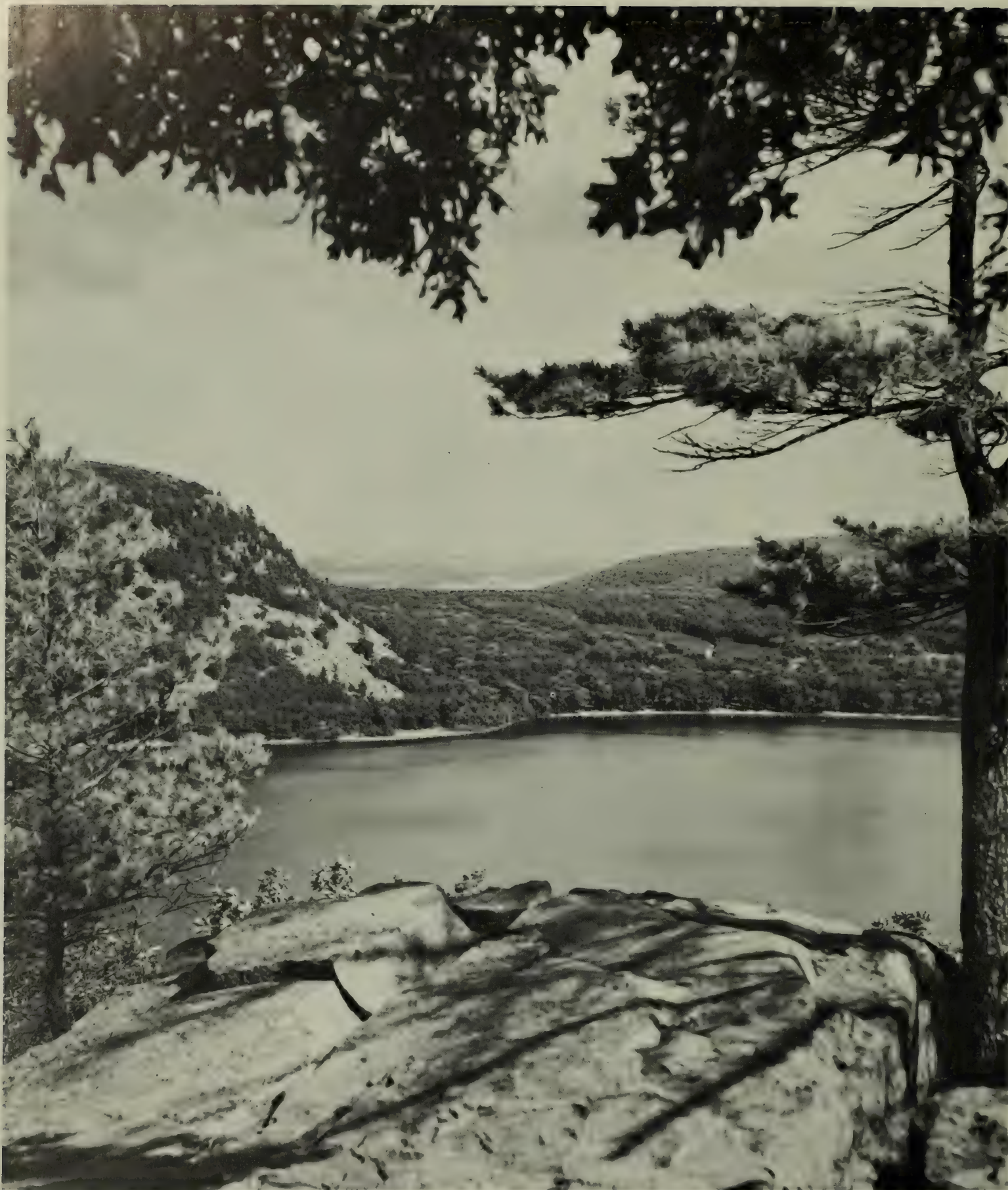
WISCONSIN	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
MAJOR LOCAL—Continued																												
Forests—Continued																												
Taylor County Forest.....	44L	16,716						x				x			x	x			x	x	x	x	x	x	x			
Price County Forest.....	46L	87,893					x		x			x			x	x			x	x	x	x	x	x	x			
Oneida County Forest.....	48L	80,671	M	x		x		x				x			x	x			x	x	x	x	x	x	x			
Vilas County Forest.....	58L	32,442	M	x		x		x				x			x	x			x	x	x	x	x	x	x			
Florence County Forest.....	63L	35,781					x		x			x			x	x			x	x	x	x	x	x	x			
Marinette County Forest.....	64L	222,425					x		x			x			x	x			x	x	x	x	x	x	x			
Oconto County Forest.....	68L	40,655	M	x		x		x				x			x	x			x	x	x	x	x	x	x			
Langlade County Forest.....	79L	123,282	M	x		x		x				x			x	x			x	x	x	x	x	x	x			
Lincoln County Forest.....	82L	97,360	M	x		x		x				x			x	x			x	x	x	x	x	x	x			
Clark County Forest.....	88L	131,957					x		x			x			x	x			x	x	x	x	x	x	x			
Eau Claire County Forest.....	89L	44,419					x		x			x			x	x			x	x	x	x	x	x	x			
Jackson County Forest.....	109L	113,854					x		x			x			x	x			x	x	x	x	x	x	x			
Wood County Forest.....	111L	37,990						x		x		x			x	x			x	x	x	x	x	x	x			
Juneau County Forest.....	112L	15,490						x		x		x			x	x			x	x	x	x	x	x	x			
MAJOR QUASI-PUBLIC AND PRIVATE																												
Nature preserves:																												
Crex Meadows Nature Preserve.....	34P	79										x			x												x	
Finnerud Forest Nature Preserve.....	53P	300						x				x			x												x	
Bittersweet Lakes Nature Preserve.....	54P	98	S	x								x			x												x	
Ridge's Sanctuary.....	133P	600					x	x				x			x												x	
Cedarburg Bog Nature Preserve.....	146P	200										x			x												x	
Parfrey's Glen Nature Preserve.....	158P	160										x		x	x												x	
Midway Prairie Nature Preserve.....	167P	3										x			x												x	
New Observatory Woods Nature Preserve.....	200P	13						x				x			x												x	
Faville Prairie Nature Preserve.....	203P	60										x			x												x	
Hope Lake Nature Preserve.....	207P	70	S	x								x			x												x	
POTENTIAL AREAS																												
NATIONAL																												
Monument: Scientific: Ice Age Scientific Reserve...	142N	32,500	M	x		x		x						x	x	x	x	x	x	x	x					x		
Parkway: Lake Superior (Wisconsin portion) (3)...	1N	144 mi.	L	A		x		x				x			x	x	x	x	x	x	x		x			x		
STATE																												
Parks:																												
Lake Superior.....	8S	16,875						x	x			x			x	x	x		x	x	x	x	x	x	x		x	x
Bad River.....	10S	11,000						x	x	x		x			x	x	x		x	x	x	x	x	x	x		x	x
Lac du Flambeau Pines (3).....	50S	500	M	A		x		x				x			x	x			x	x	x	x	x	x	x		x	
Sand Lakes (3).....	71S	11,500	M	x				x				x			x	x	x		x	x	x	x	x	x		x		
Falls Rapids (3).....	74S	2,600						x							x	x			x	x	x	x	x	x				
Wolf River Dells (3).....	75S	3,700						x		x					x	x	x	x	x	x	x	x	x	x		x		
Native White Pine (3).....	76S	500						x		x		x			x	x			x	x	x					x		
Bass Lakes.....	77S	3,650	M	x		x		x							x	x			x	x	x	x	x	x				
Europe Lake Top-o-the-Thumb.....	132S	5,585						x							x	x			x	x	x	x	x	x				
Kickapoo River (3).....	182S	5,000		2,000		x			x		x				x	x			x	x	x	x	x	x				
Recreation areas:																												
Cedar Lake.....	39S	750	M	A					x			x			x	x			x	x	x	x	x	x				
Highway Recreation Area (3).....	91S	200							x						x			x	x									
Lake Wissota.....	92S	1,080		5,500	A				x						x	x			x	x	x	x	x	x				
Glen Hills (3).....	94S	3,400	M		x	x									x	x			x	x	x	x	x	x				

See footnotes at end of table.

WISCONSIN	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Recreation areas—Continued																												
Mississippi River Navigation Pool No. 3 (3).....	97S	945	L	.	.	x	.	.	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
Plum Creek (3).....	98S	2,500	M	.	x	.	.	x	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
Mississippi River Navigation Pool No. 5 (3).....	100S	520	L	.	.	x	.	.	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
Whitefish Bay Dunes.....	134S	1,192	.	.	.	.	x	.	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	x	.	.
Pike Lake.....	150S	1,200	M	x	.	.	x	.	.	.	.	.	.	.	x	x	.	x	x	x	x	x	x	x	.	.	.	.
Mirror Lake.....	162S	2,350	M	x	.	.	x	.	.	.	.	.	.	.	x	x	.	x	x	x	x	x	x	x	.	.	.	.
Mississippi River Navigation Pool No. 7 (3).....	168S	660	L	.	.	x	.	.	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
Mississippi River Navigation Pool No. 8 (3).....	169S	1,265	L	.	.	x	.	x	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
Coon Creek (3).....	170S	2,100	M	.	x	.	.	x	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
Bad Axe River.....	172S	800	108	.	x	.	.	x	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
Bad Axe River (3).....	173S	1,500	M	.	x	.	.	x	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
Mississippi River Navigation Pool No. 9 (3).....	175S	605	L	.	.	x	.	.	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
Blackhawk (3).....	176S	1,800	M	.	x	x	.	x	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
West Fork Kickapoo River (3).....	178S	4,300	M	.	x	x	.	.	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
Kickapoo Reservoir.....	179S	3,470	970	.	x	.	.	x	.	.	.	.	.	.	x	x	x	x	x	x	x	x	x	x	.	.	.	.
Knapps Creek (3).....	181S	2,300	M	.	x	.	.	.	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
Mississippi River Navigation Pool No. 10 (3).....	186S	640	L	.	.	x	.	x	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
Mississippi River Navigation Pool No. 11 (3).....	189S	4,148	L	.	.	x	.	x	.	.	.	.	.	.	x	x	x	.	x	x	x	x	x	x	.	.	.	.
Wisconsin River (3).....	191S	8,500	.	.	.	x	.	x	.	.	.	x	.	.	x	x	x	x	x	x	x	x	x	x	.	x	.	.
Otter Creek (3).....	192S	1,600	M	.	x	.	.	x	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
Twin Parks (3).....	194S	2,000	M	.	x	x	.	x	.	.	.	.	.	.	x	x	.	.	x	x	x	x	x	x	.	.	.	.
Yellowstone Lake.....	197S	1,900	400	x	.	.	.	x	.	.	.	x	.	.	x	x	x	.	x	x	x	x	x	x	.	x	.	.
Highway Recreation Area (3).....	209S	200	.	.	.	.	.	.	.	.	.	.	.	.	x	.	.	x	x	.	x	.	.	.	.	.	.	.
Highway Recreation Area (3).....	213S	200	.	.	.	.	.	x	.	.	.	.	.	.	x	.	.	x	x	.	x	.	.	.	.	.	.	.
Mouches Area.....	215S	3,700	300	x	.	x	.	x	.	.	.	x	.	.	x	x	.	.	x	x	x	x	x	x	.	x	.	.
Sugar Creek.....	222S	9,000	2,500	.	x	x	.	x	.	.	.	.	.	.	x	x	x	x	x	x	x	x	x	.	.	.	.	.
Scenic road: Great River Road.....	96S	205 mi.	.	.	.	x	.	x	.	.	.	.	.	.	x	x	x	x	x	x	x	.	x	.	.	.	.	.
Free-flowing streams:																												
Bois Brule River (3).....	5S	60 mi.	.	.	.	x	.	x	.	.	.	x	.	.	x	x	x	.	x	x	x	x	x	x	.	x	.	.
Flambeau River (3).....	19S	100 mi.	.	.	.	x	.	x	.	.	.	x	.	.	x	x	x	.	x	x	x	x	x	x	.	x	.	.
Namekagon River (3).....	25S	100 mi.	.	.	.	x	.	x	.	.	.	x	.	.	x	x	x	.	x	x	x	x	x	x	.	x	.	.
St. Croix River (3).....	30S	120 mi.	.	.	.	x	.	x	.	.	.	x	.	.	x	x	x	.	x	x	x	x	x	x	.	x	.	.
Wolf River (3).....	73S	175 mi.	.	.	.	x	.	x	.	.	.	x	.	.	x	x	x	.	x	x	x	x	x	x	.	x	.	.
Foot trail: Moraine Trail (3).....	37S	500 mi.	.	.	.	.	.	.	.	.	.	.	.	x	x	x	x	.	x	x	x	.	.	.	.	x	.	.
LOCAL																												
Recreation areas:																												
Wolf River (3).....	80L	700	.	.	.	x	.	x	.	.	.	x	.	.	x	.	.	.	x	x	x	.	.	.	.	.	.	.
Eau Galle Reservoir (3).....	95L	303	83	.	x	.	.	.	.	.	.	.	.	.	x	x	.	x	x	x	x	x	x	.	.	.	.	
Mississippi River Naviagation Pool No. 4 (3).....	99L	110	L	.	.	x	.	.	.	.	.	.	.	.	x	.	.	.	x	x	x	x	x	.	.	.	.	
Mississippi River Naviagation Pool No. 5A (3).....	102L	190	M	.	.	x	.	.	.	.	.	.	.	.	x	.	.	.	x	x	x	x	x	.	.	.	.	
Mississippi River Naviagation Pool No. 6 (3).....	104L	90	M	.	.	x	.	.	.	.	.	.	.	.	x	.	.	.	x	x	x	x	x	.	.	.	.	

- (1) Where acreage not shown:  
  "S" indicates water surface under 500 acres.  
  "M" indicates water surface of 500 to 10,000 acres.  
  "L" indicates water surface over 10,000 acres.
- (2) An "A" indicates all or major portions of water surface acreage is adjacent to area.
- (3) Suggested area—qualifications not wholly determined. Further study required.
- (4) Major additions recommended.
- (5) Eligible for Registered National Historic Landmark status.

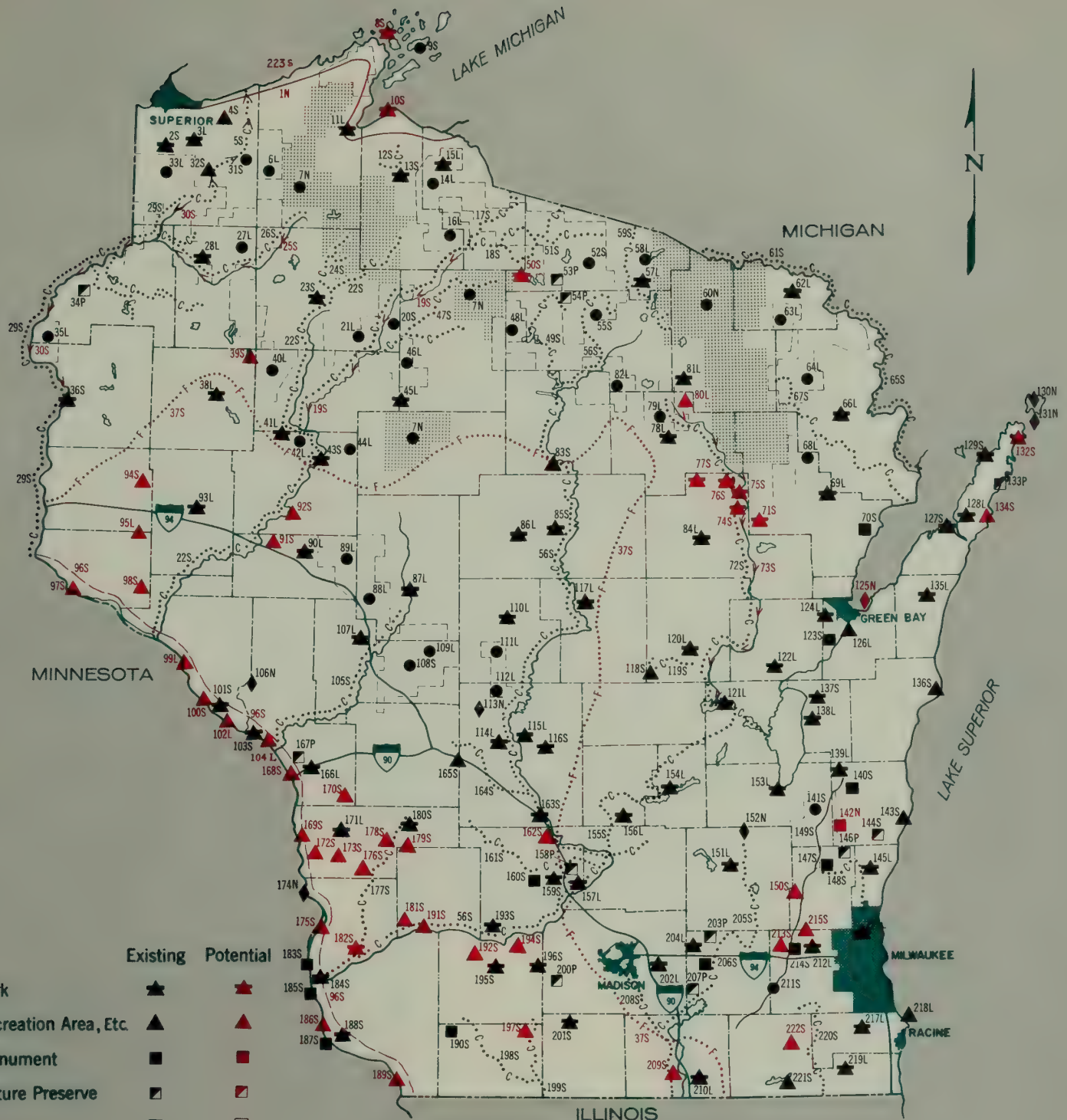




Continental glaciation formed beautiful Devils Lake. Here an existing State park and additional lands are highly suitable for inclusion in a proposed Ice Age National Scientific Reserve of glacial evidences in Wisconsin.

WISCONSIN CONSERVATION DEPARTMENT





# WISCONSIN





The Rainbow Bridge—Navajo Country of Utah.









# THE WEST

The western region of the United States* contains a wide variety of physiographic features that include major mountain masses, great rivers, interior basins, and the Pacific coast shoreline. It is a land of sharp contrast: highest and lowest points in the conterminous United States; the driest and wettest regions—bare desert and the Olympic rain forest. Some sections are densely populated, while others are the most sparsely settled in the Nation. Open space is a predominant characteristic.

Bounded physically by the Rocky Mountains and the Pacific Ocean and politically by Canada and Mexico, the western region presents park and recreation area planning problems of interstate, national, and international scope. In the summer the scenic, cool Pacific coast from San Diego to Seattle offers respite to the residents of the arid, inland States. In the winter, the warm desert climate of southern California, Nevada, Arizona, and New Mexico attracts visitors from all over the Nation. Then, too, there is a north-south seasonal migration of retired or semiretired trailerites who enjoy the cool summers in the forested, mountainous regions and then move south to spend their winters basking in the warm, winter sunshine of the desert States.

The cool summer climate of the Rocky Mountain States draws outdoor recreationists from both east and west of the Continental Divide. In the winter these same areas, as well as the mountainous sections of the other Western States, become a mecca for winter sports enthusiasts from all over the country. As a result, comprehensive park and recreation area planning cannot be confined by individual State boundaries and intrastate population considerations.

The people of the West are concentrated along the Pacific coast in the Seattle, Portland, San Francisco-Oakland, and Los Angeles-Long Beach-San Diego metropolitan centers and in the interior metropolitan centers of Denver, Salt Lake City, Phoenix, and Albuquerque. As a whole, the West is the least settled

region in the United States. It is, however, the fastest growing region in the Nation, and its metropolitan areas will receive the major portion of this increase.

The economy of the West is as diverse as its climate and physiography. It has major agriculture, manufacturing, lumber, mining, ranching, and recreation industries. Outdoor recreation and tourism are important segments of its economy, and in some sections are the main industry.

The metropolitan populace of the West pours out in ever-increasing numbers into the extensive mountain, desert, forest, and ocean recreation regions. The western recreationist travels greater distances to outdoor recreation grounds than does his eastern counterpart because of necessity, facility, and a pioneer attitude that puts flexibility and adventure in recreation pursuits. The millions of inhabitants in the Los Angeles and San Francisco areas range afar into the Pacific Northwest, the Rocky Mountains, and the Grand Canyon country seeking recreation pursuits. The West has the greatest amount of public outdoor recreation acreage in the country, for the bulk of the national parks and forests are located there. Great use pressures are placed on them by residents of the region and by eastern recreationists flocking to the West to enjoy the open, wild country and the unique, spectacular scenery. The numerous irrigation, power, and flood-control reservoirs receive extensive boating use, some of them on a year-round basis.

Private enterprise plays an important role in outdoor recreation and tourism through resorts and through commercial development operations connected with the national parks, national forests, and water reservoirs. Major resorts at Phoenix, Palm Springs, Sun Valley, Colorado Springs, Estes Park, and Aspen attract vacationists from all over the country. Dude ranches are scattered throughout the mountain and desert regions. Indian reservations also offer many recreation opportunities and tourist attractions.

The West has varied and abundant resources sufficient to meet present and future needs. The high percentage of Federal and State ownership of existing and potential nonurban outdoor recreation lands, if properly utilized, can contribute importantly to well-

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* As defined by the Bureau of the Census and used by the Outdoor Recreation Resources Review Commission, the western region also includes Alaska and Hawaii. Individual State summaries, maps, and tabulations have been prepared for these 2 States, but only the 11 contiguous Western States are considered as a planning unit in this regional summary statement.





Even in the spacious West, outstanding scenic features need protection and careful planning for recreation use. A State parkway is recommended for the Columbia River Gorge, seen here from a point east of Portland overlooking the present U.S. 30 Scenic Route.

OREGON STATE HIGHWAY DEPARTMENT.

balanced systems of park, recreation, historic, and related areas. There are, however, specific needs that require immediate attention. The expanding western metropolitan centers need close-in park and recreation areas. Public acquisition of the few remaining Pacific coast shoreline opportunities is required before urbanization and other encroachments remove them from the outdoor recreation picture. Sufficient public lands adjacent to reservoirs should be acquired to assure public access and use. Additions should be made to National Park and State Park Systems to round them out and protect all significant park resources. His-

toric and archeological site protection and interpretation is weak in some States and should be strengthened.

The opportunity now exists in the West to achieve these goals with a minimum degree of difficulty and expense. Each year will see expanding population, urbanization, and commercial development increasing the difficulties and expense of meeting outdoor recreation needs. Action to meet these needs, though, must be done on a regionwide rather than a State-by-State basis. The individual State plans that follow have taken the regionwide needs into consideration.





Many scenic features in the West have scientific importance. An example is the Abert Rim, a long earthquake fault in Oregon, suggested as a State scientific monument.

OREGON STATE HIGHWAY DEPARTMENT.





# ALASKA

**T**HE POPULATION of Alaska increased 75 percent in the decade 1950–1960 to 226,200. Projections indicate it may reach 322,000 by 1976. Fifty-six percent of the population is located in the Anchorage and Fairbanks districts. Overall density is 37 persons for each 100 square miles.

Alaska's economy is largely dependent upon Federal defense spending. The recreation industry ranks behind fisheries and forest products with an expenditure of \$29 million annually. Tourism has a tremendous potential as existing facilities are negligible, and the State's wildlife, fisheries, scenic, and wilderness resources are unsurpassed.

Much of the travel to Alaska is by air. Major airlines serve the principal cities, and from these certified carriers make accessible all parts of Alaska. In southeastern Alaska, where there is poor flying weather, access is by boat through protected waterways. To travel to Alaska by car it is necessary to traverse 1,200 miles of the graveled Alaska Highway through Canada. Roads are being built in Alaska, but for the present are not extensive.

Alaska has a variety of recreation resources. Southeastern Alaska is a mountainous archipelago with scenic glaciers, fiords, forests, and high gradient streams. The entire region is wilderness except for occasional towns. Indian and Eskimo lore, Russian and gold rush historic sites, and commercial fishing activities are additional tourist attractions. Ipiutak and Iyatayet are prehistoric sites possessing exceptional value in commemorating the prehistory of the United States.

Interior Alaska is largely mountainous with broad-timbered valleys and numerous lakes. The glaciers,

icefields, and mountains of the Alaskan, Chugach, and coastal ranges are unsurpassed. The interior is mostly wilderness. Hunting, fishing, and the observation of wildlife species are significant recreation assets.

The climate varies greatly. Southeastern Alaska has mild winters, cool summers, and heavy precipitation. The south-central region has ideal climate for winter sports and summer recreation. Interior Alaska has light precipitation, very cold winters, and warm summers. Recreation in the Arctic, where summers are cool and winters frigid, is only for the hardy outdoorsman.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers 1 national park and 3 national monuments with a total acreage of 6,911,251 acres and a 1960 attendance of 39,451. The Forest Service administers 2 national forests of 20,741,994 acres containing 39 developed recreation sites and 2 scenic areas. The Bureau of Sport Fisheries and Wildlife manages 18 wildlife ranges and refuges with a total of 18,984,535 acres. Ninety-eight percent of Alaska is publicly owned and administered.

**STATE:** The State administers 63 areas: 3 historical monuments, 1 scenic wayside, 8 picnic waysides, and 51 campground waysides, totaling 2,916 acres. These areas are used mainly by residents as base camps for use of adjacent recreation resources.

**LOCAL:** There are two local parks and one recreation area. Together they total 191 acres.



**PRIVATE ENTERPRISE:** In general, lodging accommodations and recreation facilities operated by private enterprise are relatively rustic. The development of additional and better facilities is desirable.

## **PARK AND RELATED NEEDS**

There are sufficient outdoor recreation resources in Alaska to meet all present and future needs. Provision needs to be made now while Alaska is still essentially undeveloped for the protection of the best examples of major land forms in parks and nature preserves, the zoning of scenic routes, the establishment of public recreation areas, the preservation of scientific and historic monuments, and the designation

and protection of free-flowing streams as well as development of recreation lands to improve the State's economy. There is need for high-quality developments to provide residents and the out-of-State visitors with adequate recreation facilities.

Potential State areas identified total 1,589,089 acres. Potential local acreage identified is 38,005 acres and is sufficient to meet foreseeable needs.

## **RECOMMENDATIONS**

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are made to help provide needed outdoor recreation opportunities for public enjoyment and use.



A concentration of lakes, rivers, and mountains make the Wood-Tikchik region one of the finest potential recreational areas in Alaska.

ROGER ALLIN.

**NATIONAL:** Give further study to the proposals to establish the St. Elias-Wrangell Mountains and Lake Clark Pass National Parks. The Wood-Tikchik area, although tabulated as a potential State recreation area, is of possible national significance and might lend itself to joint Federal-State administration.

**STATE:** Enlarge the State park system to preserve valuable resources and provide recreation opportunities by the addition of 17 parks, 27 recreation areas, 3 scientific monuments, 2 historic monuments, and 1 nature preserve with further study of 4 other parks and 10 recreation areas. Designate and protect 12 scenic routes, 4 free-flowing streams, and 1 foot trail.

**LOCAL:** Establish 3 parks, 14 recreation areas, 1

beach, and 1 foot trail, and give further study to establishment of 2 recreation areas and 4 beaches.

Supporting recommendations include—

1. Emphasis on the acquisition of areas dedicated to preservation of natural resources.
2. Immediate establishment of additional campgrounds along the highway system and proposed ferry routes.
3. Enlargement of nine existing State campsites in critical locations by a total of approximately 3,000 acres.
4. Increased attention by Federal, State, local, and private agencies to the preservation, maintenance, and interpretation of historic and archeologic sites.



Brown bears, catching salmon from McNeil River at Kamishak Bay, typify Alaska's vast wealth of wildlife resources.

U.S. FISH AND WILDLIFE SERVICE.



ALASKA	Number on map	Acreage		Significant features									Type of use			Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Park: Mount McKinley National Park.....	36N	1, 939, 359	2, 000	x				x			x	x		x	x	x	x	x		x	x	x		x		x		x	
Recreation areas:																													
Delta Junction (BLM).....	48N	18									x				x	x		x	x		x								
Finger Lake (BLM).....	97N	47	360	A				x			x				x	x		x	x		x	x	x	x					
Monuments:																													
Scientific:																													
Katmai National Monument.....	137N	2, 697, 590	L	A			x	x			x	x		x	x	x	x	x		x	x	x		x		x		x	
Glacier Bay National Monument.....	147N	2, 274, 248					x	x			x	x		x	x	x	x	x		x	x	x		x		x		x	
Historic: Sitka National Monument.....	178N	54					x	x			x		x		x		x	x	x										
Forests:																													
Chugach National Forest.....	77N	4, 726, 082	L	x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	
Tongass National Forest.....	146N	16, 015, 912	L	x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	
Wilderness:																													
Tracy Arm Scenic Area.....	174N	57, 600					x	x			x	x		x	x	x	x	x			x				x		x		
Rudyard Cove Scenic Area.....	197N	101, 760					x	x			x	x		x	x	x	x	x			x				x		x		
Wildlife areas:																													
Arctic National Wildlife Range.....	2N	8, 900, 000	L	x		x					x	x				x	x			x	x			x	x	x		x	
Chamisso Island National Wildlife Refuge.....	4N	641				x						x														x			
Kenai National Moose Range.....	116N	2, 057, 197	L	x		x		x			x	x			x	x		x	x	x	x	x	x	x	x	x		x	
Tuxedni National Wildlife Refuge.....	123N	6, 439				x						x														x			
Clarence Rhode National Wildlife Range.....	130N	1, 890, 000	L	x		x	x					x														x			
Hazen Bay National Wildlife Refuge.....	131N	6, 800				x						x														x			
Nunivak National Wildlife Refuge.....	132N	1, 109, 384	L	x								x														x			
Bering Sea National Wildlife Refuge.....	133N	41, 113				x						x														x			
St. Lazaria National Wildlife Refuge.....	180N	65				x						x														x			
Kodiak National Wildlife Refuge.....	186N	1, 815, 000	L	x		x	x	x							x	x	x		x	x		x	x	x	x	x		x	
Semidi National Wildlife Refuge.....	187N	8,422				x						x														x			
Pribilof Islands Reservation.....	189N	49, 173				x						x														x			
Izembec Bay National Wildlife Range.....	190N	415, 360	L	x		x						x														x			
Simeonof National Wildlife Refuge.....	191N	10, 442				x						x														x			
Hazy Island National Wildlife Refuge.....	912N	42				x						x														x			
Forrester Island National Wildlife Refuge.....	193N	2, 832				x						x														x			
Bogoslof National Wildlife Refuge.....	202N	390				x						x														x			
Aleutian National Wildlife Refuge.....	203N	2, 720, 235	L	x		x					x	x				x	x								x	x	x		x
STATE																													
Recreation areas:																													
Liberty Creek Campground Wayside.....	17S	3									x					x		x	x		x			x	x				
American Creek Campground Wayside.....	18S	2									A		x			x	x		x				x	x		x			
Ketchum Creek Campground Wayside.....	20S	3									A		x			x			x				x		x				
Bedrock Creek Campground Wayside.....	21S	15									A		x			x			x				x	x		x			
Harding Lake No. 1 Campground Wayside.....	25S	5	700	A			x								x	x		x	x		x	x	x	x			x		
Salcha River Campground Wayside.....	26S	41									A		x			x			x				x	x		x			
Chatanika River Campground Wayside.....	28S	9									A		x			x		x	x		x	x		x	x		x		
Tolovana River Campground Wayside.....	29S	9									A		x			x		x	x		x			x	x		x		
Brushkana Creek Campground Wayside (4).....	37S	65									A					x	x		x	x				x	x		x		
Clearwater-Denali Campground Wayside.....	39S	135									A					x	x		x	x				x	x		x		
Lake Louise Picnic Wayside (4).....	43S	20	15, 000	A								x				x			x	x				x	x	x	x		
Tangle River Campground Wayside (4).....	45S	3									A					x	x		x	x				x	x		x		
Tangle Lakes Campground Wayside (4).....	46S	10	600	A								x	x			x	x		x	x				x	x		x		
Donnelly Creek Campground Wayside.....	47S	20									A					x			x	x				x	x		x		
Tolsona River Campground Wayside.....	49S	40									A					x			x					x	x		x		

See footnotes at end of table.

## ALASKA

ALASKA	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Recreation areas—Continued																												
Dry Creek Campground Wayside.....	50S	40				A									x	x		x			x					x		
Paxson Lake Campground Wayside.....	53S	4	7,000	A								x			x	x		x	x		x	x		x	x	x		
Clearwater-Alcan Campground Wayside.....	54S	48				A		x							x	x		x			x	x		x				
Sears Creek Campground Wayside.....	55S	40				A		x							x	x		x			x			x				
Moon Lake Campground Wayside.....	56S	22	100	A				x							x	x		x			x	x	x	x				
Ahtell Creek Campground Wayside.....	57S	10				A		x			x				x	x		x	x		x			x	x			
Clearwater-Slana Campground Wayside.....	60S	480				A					x					x		x			x			x	x			
Tok River Campground Wayside.....	61S	4													x	x		x			x				x			
Lakeview Campground Wayside.....	64S	12	100	A											x	x		x			x	x		x				
Deadman Lake Campground Wayside.....	65S	20	100	A											x			x			x	x	x	x	x			
Gardner Creek Campground Wayside.....	66S	10				A		x							x			x			x			x				
Liberty Falls Campground Wayside.....	69S	10				A		x			x				x	x	x	x	x		x			x				
One Mile Lake Campground Wayside.....	70S	8	100	A							x				x			x	x		x	x		x				
Blueberry Lake Campground Wayside.....	74S	192	4	x							x				x	x	x	x	x		x			x				
Twelve Mile Picnic Wayside.....	75S	15				A					x	x			x	x		x	x							x		
Nine Mile Picnic Wayside.....	76S	5				A					x	x			x	x		x	x									
Glacier Road Campground Wayside.....	78S	180						x	x		x				x	x	x		x	x		x			x	x		
Glacier Road No. 2 Campground Wayside.....	79S	40						x	x		x				x	x	x		x	x		x	x		x	x		
Worthington Glacier Campground Wayside.....	81S	113									x				x	x	x	x			x					x		
Little Tonsina Campground Wayside.....	82S	100				A										x		x			x			x	x			
Squirrel Creek Campground Wayside.....	83S	30				A		x							x	x		x	x		x				x			
Little Nelchina Campground Wayside (4).....	84S	23				A					x				x	x		x	x		x			x	x			
Matanuska Glacier Campground Wayside.....	85S	190									x				x	x	x	x	x		x							
Matanuska River Campground Wayside.....	87S	20				A		x			x				x	x	x	x	x		x				x			
Moose Creek Campground Wayside.....	89S	40				A		x			x				x	x		x	x		x				x	x		
Thunderbird Falls Picnic Wayside.....	92S	47				A		x			x				x				x									
Peters Creek Campground Wayside.....	93S	52				A		x			x				x	x		x	x		x							
Eagle River Campground Wayside.....	94S	75				A		x			x				x			x			x							
Big Lake No. 1 Campground Wayside.....	95S	19	4,000	A				x							x	x		x	x		x	x	x	x	x		x	
Big Lake No. 2 Campground Wayside.....	96S	16	4,000	A				x							x	x		x	x		x	x	x	x	x		x	
Willow Creek Campground Wayside.....	101S	110	200	A				x			x	x			x	x			x		x	x	x	x	x			
Rockey Lake Picnic Wayside.....	104S	40	300	A				x							x				x		x	x	x	x				
McHugh Creek Picnic Wayside.....	110S	55				A					x				x			x	x									
Bird Creek Campground Wayside (4).....	112S	20				A		x			x				x			x	x		x			x				
Bernice Lake Campground Wayside.....	118S	7	500	A				x							x	x		x			x	x	x	x	x			
Johnson Lake Campground Wayside.....	121S	46	200	A				x							x	x		x	x		x			x	x	x		
Ninilchik Campground Wayside.....	122S	11						x	x			x	x		x	x		x	x		x			x				
Stariski Creek Campground Wayside.....	142S	30				A		x							x	x		x	x		x							
Anchor River Campground Wayside (4).....	143S	52				A		x	x			x			x	x		x	x		x			x	x			
Homer Spit Campground Wayside (4).....	144S	18						x			x	x			x	x	x	x	x		x	x		x	x	x		
Mosquito Lake Campground Wayside (4).....	149S	5	250	A				x			x				x	x		x	x		x	x	x	x				
Portage Cove Scenic Wayside (4).....	159S	7						x	x		x				x			x			x							
Sandy Beach Picnic Wayside.....	173S	23						x	x		x				x				x		x	x		x				
Halibut Point Picnic Wayside.....	179S	22						x	x		x				x			x	x		x	x		x				
Refuge Cove Campground Wayside.....	200S	13						x	x		x				x	x		x	x		x	x		x				
Monuments: Historic:																												
Will Rogers-Wiley Post Historical Monument.....	1S	200						x	x				x			x	x										x	
Baranof Castle Historical Monument.....	177S	2						x	x		x		x						x									
Totem Bight Historical Monument.....	199S	10						x	x		x		x						x								x	
MAJOR LOCAL																												
Parks:																												
Skagway Public Park.....	150L	87						x	x		x				x	x	x	x	x		x							
Saxman Totem Park.....	201L	5						x			x		x		x			x										
See footnotes at end of table.																												

See footnotes at end of table.



ALASKA	Number on map	Acreage		Significant features									Type of use				Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS—Continued																													
MAJOR LOCAL—Continued																													
Recreation area: Falls Creek Recreation Area.....	171L	99				x		x			x				x	x		x	x		x			x		x			
POTENTIAL AREAS																													
NATIONAL																													
Parks:																													
St. Elias-Wrangell Mountains (3).....	67N	800,000	L	x		x	x	x			x	x	x	x		x	x			x	x	x		x		x		x	
Lake Clark Pass (3).....	124N	330,000	10,200	x		x		x			x			x		x	x			x	x	x		x		x		x	
STATE																													
Parks:																													
Selby Lake.....	6S	3,200	M	A							x	x				x	x			x	x	x		x		x		x	
Birch Creek (3).....	19S	320				A										x	x				x	x		x					
Salmon Lake (3).....	33S	640	M	A							x	x				x	x		x	x		x	x		x				
Landmark Gap Lake.....	44S	640	M	A		x					x	x				x	x		x		x	x		x					
Paxson Lake.....	52S	8,000	L	A		A					x	x				x	x	x	x		A	x	x		x				
Mentasta Lake.....	59S	1,000	L	A			x				x					x		x			x	x							
Miles Glacier.....	73S	245	L	A		A		x			x			x	x	x	x		x	x		x	x						
Keystone Canyon.....	80S	640,000				x	x				x	x	x	x	x	x	x	x	x	x	x					x			
Matanuska-Sheep Mountain.....	86S	30,000				x	x				x	x				x	x	x	x	x	x	x			x				
Eagle River Park.....	91S	5,000	S	A		x		x			x	x				x	x		x	x	x	x			x				
Willow Creek Falls.....	100S	640				A		x			x					x	x		x	x		x		x	x				
Nancy Lake.....	102S	640	M	A			x				x					x	x		x	x		x	x						
Big Lake No. 3.....	105S	320	4,000	A			x									x	x		x		x	x	x	x		x	x		
Lighthouse Point.....	117S	640	S	x			x	x			x					x	x		x		x	x		x					
Homer Park (3).....	145S	640									x			x	x	x		x	x		x				x	x			
Chilkoot Lake.....	158S	200	L	A		x	x	x			x					x	x		x	x		x	x		x				
Salmon Creek (3).....	163S	2,500	250		x	x		x			x					x	x		x	x	x	x		x					
Trout Lake.....	165S	160	25	x		x	x	x			x					x	x		x	x	x	x	x	x	x				
Falls Creek.....	170S	360				A	x	x			x					x	x		x	x		x		x		x			
Spruce Cape.....	183S	400	60	x			x	x			x					x	x		x	x	x	x	x			x			
First Waterfall.....	198S	160				A	x	x			x					x	x		x	x		x							
Recreation areas:																													
Chandler Lake.....	3S	1,600	M	A							x	x					x	x			x	x	x		x	x	x		x
Selawik Lake.....	5S	600				A						x					x					x	x		x	x			
Nutuvukti Lake (3).....	7S	160	M	A							x	x					x					x	x		x	x		x	
Walker Lake.....	8S	320	L	A							x	x					x	x				x	x		x	x		x	
Tobuk Lake (3).....	9S	320	M	A							x	x					x					x	x		x	x		x	
Wild Lake (3).....	10S	80	M	A							x	x					x					x	x		x	x		x	
Big Lake (Arctic) (3).....	11S	80	M	A				x				x					x					x	x		x	x		x	
Twin Lakes (Arctic) (3).....	12S	320	M	A							x	x					x					x	x		x	x		x	
Chandalar Lake.....	13S	320	M	x							x	x					x	x				x	x		x	x		x	
Squaw Lake.....	14S	80	M	x							x	x					x					x	x		x	x		x	
Ackerman Lake.....	15S	160	M	x							x	x					x	x				x	x		x	x		x	
North Fork (3).....	23S	80				A					x						x	x		x	x								
Faith Creek (3).....	24S	80				A					x	x					x	x		x	x				x	x	x		
Minto Flats.....	30S	70,000	15,000	x		x						x					x	x							x	x	x		
Lake Minchumina.....	35S	2,000	L	A								x					x					x	x		x	x		x	
Susitna River Crossing.....	38S	320				A						x					x	x		x			x	x		x			
Tyone Lake.....	40S	640	M	A													x	x				x	x		x	x			
Susitna Lake.....	41S	640	8,000	A								x					x	x				x	x		x	x			
Lake Louise No. 2.....	42S	482	15,000	A								x					x	x				x	x		x	x			
Sourdough.....	51S	1,000				x						x	x				x		x			x	x		x	x			

See footnotes at end of table.

ALASKA	Number on map	Acreage		Significant features									Type of use				Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
POTENTIAL AREAS—Continued																													
STATE—Continued																													
Recreation areas—Continued																													
Jack Lake.....	58S	160	S	A	.	.	.	.	.	.	x	x	.	.	.	x	.	x	.	.	.	x	x	.	x	x	.	.	
O'Brien Creek (3).....	62S	160	.	.	.	A	.	.	.	.	x	.	.	.	.	x	.	x	.	.	.	x	.	.	x	.	.	.	
Tickel River (3).....	71S	80	.	.	.	A	.	x	.	.	x	.	.	.	.	x	.	x	.	.	.	x	.	.	.	.	.	.	
Taznuna (3).....	72S	40	.	.	.	A	.	x	.	.	x	.	.	.	.	x	.	x	.	.	.	.	.	.	.	.	.	.	
Twin Lakes.....	125S	80	M	A	.	.	.	.	.	.	x	.	.	.	.	x	.	.	.	.	.	x	x	.	x	x	.	x	
Turquoise Lake.....	126S	160	M	A	.	.	.	.	.	.	x	x	.	.	.	x	.	.	.	.	.	x	x	.	x	x	.	x	
Telaquana Lake.....	127S	1,280	L	A	.	A	.	.	.	.	x	x	.	.	.	x	x	.	.	.	.	x	x	.	x	x	.	x	
Two Lakes.....	128S	640	M	A	.	.	.	.	.	.	x	x	.	.	.	x	.	.	.	.	.	x	x	.	x	x	.	x	
Chikuminuk Lake.....	129S	1,000	L	A	.	.	.	.	.	.	x	.	.	.	.	x	x	.	.	.	.	x	x	.	x	.	.	x	
Wood-Tikchik (3) (5).....	134S	565,000	71,100	x	.	x	.	x	.	.	x	x	x	.	.	x	x	x	.	.	.	x	x	.	x	.	.	x	
Naknek River.....	135S	640	.	.	.	x	.	.	.	.	.	x	.	.	.	.	.	.	.	x	.	x	x	.	x	.	.	.	
Nanwhyenuk (Nonvianuk) Lake.....	136S	110	L	A	.	x	.	.	.	.	x	.	.	.	.	x	.	.	.	.	.	x	x	.	x	.	.	x	
Newhalen River.....	138S	1,280	.	.	.	A	.	.	.	.	x	x	x	.	.	x	x	x	.	.	.	x	x	.	x	x	.	x	
Kakhonak Bay.....	139S	25,600	600	x	.	x	.	x	.	.	x	x	.	.	.	x	x	.	.	.	.	x	x	.	x	.	.	x	
Porcupine Island.....	141S	5,700	L	A	.	.	.	x	.	.	.	.	.	.	.	x	.	.	.	.	.	x	x	.	.	.	.	x	
Haines Boundary.....	148S	160	.	.	.	A	.	x	.	.	x	.	.	.	.	x	x	.	.	.	.	x	.	.	.	x	.	.	
Ugak Bay.....	185S	320	.	.	.	.	.	x	x	.	.	x	.	.	.	x	x	.	.	.	.	x	x	.	x	.	.	.	
Ugashik Narrows.....	188S	640	L	A	.	.	.	.	.	.	x	x	.	.	.	x	.	.	.	.	.	x	x	.	x	x	.	x	
Monuments:																													
Scientific:																													
Koyukuk Sand Dunes.....	31S	10,000	S	A	.	.	.	.	.	.	x	.	x	.	.	x	.	.	.	.	.	x	.	.	.	.	x	.	
Imuruk Basin.....	32S	6,000	L	A	.	.	.	.	.	.	.	x	.	.	.	.	x	.	.	.	.	x	x	.	.	.	.	x	
Lake George.....	90S	192,000	2,000	x	.	x	.	x	.	.	x	x	.	.	.	x	x	x	x	.	.	x	x	.	.	.	x	.	
Historic:																													
Shakes Island.....	167S	1	.	.	.	.	.	x	.	.	.	.	x	.	.	x	.	.	.	.	.	x	.	.	.	.	.	.	
Old Sitka.....	175S	51	.	.	.	.	.	x	.	.	.	.	x	.	.	x	.	.	.	.	.	.	.	.	.	.	.	.	
Nature preserve: McNeil River Bear Preserve.....	140S	3,000	.	.	.	.	.	x	x	.	.	x	x	.	.	x	.	.	.	.	.	x	x	.	.	.	x	x	
Scenic roads:																													
State 6.....	22S	80 mi.	.	.	.	A	.	.	.	.	x	x	.	.	.	x	x	.	.	.	.	.	.	.	.	.	x	.	
State 5.....	63S	50 mi.	.	.	.	.	.	x	.	.	.	x	x	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
State 1.....	88S	100 mi.	.	.	.	.	.	x	.	.	.	x	x	.	.	.	x	x	.	.	.	x	x	.	.	.	.	.	
Willow Creek Scenic Road.....	98S	35 mi.	.	.	.	A	.	x	.	.	.	x	.	.	.	x	x	.	.	.	.	.	.	.	.	.	.	.	
State 1.....	111S	50 mi.	.	.	.	.	.	x	x	.	.	x	x	.	.	.	x	x	.	.	.	x	x	.	.	.	.	.	
State 1.....	114S	40 mi.	.	.	.	.	.	.	x	.	.	x	x	.	.	.	x	x	.	.	.	.	.	.	.	.	.	.	
Dyea Scenic Road.....	153S	9 mi.	.	.	.	.	.	.	x	x	.	.	.	.	.	.	x	x	.	.	.	.	.	.	.	.	.	.	
White Pass Scenic Road.....	155S	15 mi.	.	.	.	A	.	.	.	.	.	x	.	.	.	.	x	x	.	.	.	.	.	.	.	.	.	.	
State 7.....	157S	10 mi.	.	.	.	.	.	.	x	x	.	.	.	.	.	.	x	x	.	.	.	.	.	.	.	.	.	.	
Wrangell Scenic Road.....	166S	10 mi.	.	.	.	.	.	.	x	x	.	.	.	.	.	.	x	x	.	.	.	.	.	.	.	.	.	.	
Petersburg Scenic Road.....	172S	8 mi.	.	.	.	.	.	.	x	x	.	.	.	.	.	.	x	x	.	.	.	.	.	.	.	.	.	.	
Ketchikan Scenic Road.....	194S	5 mi.	.	.	.	.	.	.	x	x	.	.	.	.	.	.	x	x	.	.	.	.	.	.	.	.	.	.	
Free-flowing streams:																													
Porcupine River.....	16S	140 mi.	.	.	.	.	.	.	x	.	.	.	x	x	.	.	.	x	.	.	.	.	.	.	.	x	x	.	x
Gulkana River.....	68S	200 mi.	.	.	.	.	.	.	x	.	.	.	.	.	.	.	x	x	.	.	.	.	.	.	.	x	x	.	x
Willow Creek.....	99S	30 mi.	.	.	.	.	.	.	.	.	.	.	x	x	x	.	.	.	.	.	.	.	.	.	.	.	.	.	
Kenai River.....	115S	115 mi.	.	.	.	.	.	.	x	.	.	.	x	x	.	.	.	x	x	.	.	.	.	.	.	x	x	.	x
Foot trail: Chilkoot Pass Trail.....	154S	14 mi.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	x	x	.	.	.	.	.	.	.	.	.	.	
LOCAL																													
Parks:																													
Pedro Dome.....	27L	160	.	.	.	.	.	.	.	.	.	.	.	.	.	.	x	x	.	.	.	.	.	.	.	.	.	.	x
Point Waranzof.....	107L	320	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Falls Canyon.....	156L	80	.	.	.	A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

See footnotes at end of table.



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		Total land and water within area	Water surface (7)	Lake (2)	Reservoir	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
LOCAL—Continued																												
Recreation areas:																												
Fort Davis . . . . .	34L	320					x								x	x			x			x		x				
Big Lake No. 5 . . . . .	103L	160	4, 000	A			x								x	x			x		x	x	x	x	x		x	
Big Lake No. 4 . . . . .	106L	160	4, 000	A			x								x	x			x		x	x	x	x	x		x	
Campbell Peaks . . . . .	108L	32,000	300	x							x	x			x	x		x	x	x	x	x	x	x	x	x	x	
Fourth of July Creek . . . . .	113L	320				A	x	x			x	x			x	x		x	x		x	x		x	x	x		
Soldotna Crossing . . . . .	119L	80				A									x	x		x	x		x	x		x				
Skagway Campground . . . . .	151L	160					x	x			x				x	x		x	x		x	x		x				
Dyea . . . . .	152L	80				A	x	x			x				x	x		x	x		x		x	x	x			
Smuggler's Point . . . . .	162L	220					x	x			x				x	x		x	x		x	x						
Thane Valley (3) . . . . .	164L	2, 000					x		x		x	x	x		x	x		x	x	x						x		
Zimovia Strait . . . . .	168L	300					x	x			x				x	x		x	x		x							
Wrangell Point . . . . .	169L	160					x	x			x				x	x		x	x	x	x	x						
Chiniak Cape . . . . .	181L	800	100	x			x	x			x				x	x		x		x		x	x	x				
Middle Bay (3) . . . . .	182L	80				A	x	x			x				x	x		x		x	x		x					
Anton Larson Bay . . . . .	184L	160					x	x			x				x	x		x		x	x		x	x				
Second Waterfall . . . . .	196L	80				A	x	x			x				x	x		x	x		x			x				
Beaches:																												
Cohoe Beach (3) . . . . .	120L	160					x	x	x		x				x	x		x		x	x		x					
Tee Harbor (3) . . . . .	160L	80					x	x			x				x			x			x							
Lena Cove (3) . . . . .	161L	80					x	x			x				x			x			x							
Thimbleberry Bay . . . . .	176L	5																										
Clover Passage (3) . . . . .	195L	40					x	x			x				x	x		x		x	x							
Foot trail: Ship Creek-Indian Trail . . . . .	109L	20 mi.						x			x				x				x									

(1) Where acreage not shown:

“S” indicates water surface under 500 acres.

“M” indicates water surface of 500 to 10,000 acres.

“L” indicates water surface over 10,000 acres.

(2) An “A” indicates all or major portions of water surface acreage is adjacent to area.

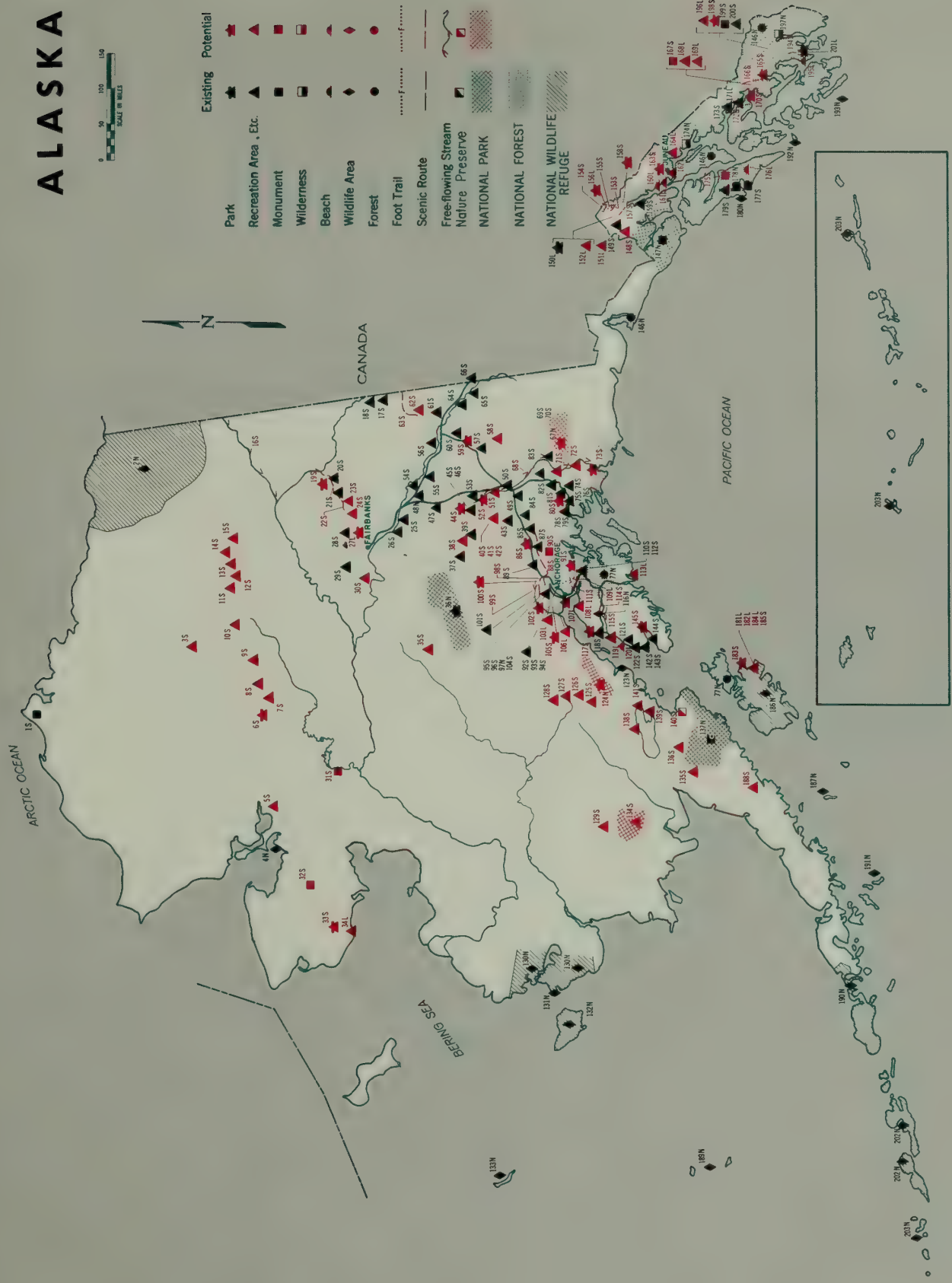
(3) Suggested area—qualifications not wholly determined. Further study required.

(4) Major additions recommended.

(5) Area is of possible national significance and might lend itself to joint Federal-State administration.

BLM=Bureau of Land Management.

## A horizontal scale bar labeled "SCALE IN MILES" with markings at 0, 50, 100, and 150. The bar is divided into alternating black and white segments.







# ARIZONA

**A**RIZONA, "the Grand Canyon State," has a wide variety of mountain, desert, and water resources with a wealth of sunshine that makes it a State noted for both summer and winter vacations.

The population increased 73 percent between 1950 and 1960 to 1,302,161. It is estimated it will reach 2,144,000 by 1976. The urban population increased 133 percent in the last decade and now stands at 74.5 percent of the total population. The average density is 11.5 per square mile, with a range from less than 1 per square mile in the Colorado River country to 72 persons in the Phoenix area.

The tourist industry in 1960 grossed \$290 million, ranking it third in order of importance in the State's economy.

Existing Federal, State, and Indian highways afford good access to all areas of high recreation value.

In the north are the forested Kaibab and Coconino plateau regions bisected by the Grand Canyon of the Colorado River. Northeastern Arizona features cliffs, buttes, mesas, and monolith formations of the high desert. Through the center of the State is a high, cool, forested plateau and mountain belt 55 to 100 miles in width. In the southern and western parts are immense desert regions. The Colorado, Gila, Verde, Little Colorado, and Salt Rivers, Tonto Creek, and Lake Mead and other large reservoirs are all significant to the statewide recreation picture. Mountain and desert regions are within day- and- weekend-use distance of Phoenix and Tucson.

There is wealth of historic and archeologic sites associated with the prehistoric Indian, the Spanish and Mexican eras of settlement, and American exploration, pioneer travel, and early mining ventures.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers 2 national parks, 15 national monuments, 1 national memorial, and 2 national recreation areas, with a total of 2,805,282 acres. The 1960 attendance was 5,441,800. There are seven national forests under administrative jurisdiction of the Forest Service, comprising 11,343,974 acres. Included in this total are 167 recreation developments on 3,159 acres, 13 wilderness areas of 716,415 acres, and 3 nature preserves with 2,100 acres. The Bureau of Sport Fisheries and Wildlife manages five national refuges totaling 1,596,429 acres; these include six recreation developments and one nature preserve. Visits to these refuge areas amounted to 450,000 in 1960.

**STATE:** The State Parks Board administers three historical monuments, including 15 acres, and one 160-acre recreation area. The 1960 attendance was 170,000. Other State agencies administer three historic monuments, one recreation area, and a botanical garden. The State Game and Fish Department manages three wildlife refuges covering 3,450 acres. The State Highway Department maintains 379 roadside areas.

**LOCAL:** The Phoenix area has five major local parks with 89,072 acres and one recreation area of 12,883 acres. The Tucson area has two out-of-city parks with 18,280 acres. Mohave County has a 2,226-acre park and Coconino County a 640-acre park.

**PRIVATE ENTERPRISE:** Private enterprise plays a major role in providing outdoor recreation facilities. Under private ownership are four nature preserves,



two wildlife refuges, and four monuments as well as numerous resort and tourist accommodations. Recreation areas provided by the Indians on reservation lands include 1 park of 90,000 acres and 23 other recreation developments.

### PARK AND RELATED NEEDS

Present recreation needs are being met in Arizona on a wide front that includes Federal, State, local, Indian, and private lands and development. Consideration might also be given to the preservation of free-flowing streams; preservation of desert areas including buffer zones adjacent to highways, settlements, rivers, and reservoirs; improvement of scenic route and parkway standards; and to enlarging the scope and activities of the State park system to accomplish these goals. Potential State recreation lands identified in this report total 107,976 acres.

Maricopa County has an adequate planning and development program designed to meet foreseeable

needs within a 30-mile distance of Phoenix. State-wide needs for local nonurban areas can be substantially met by acquisition of potential recreation lands identified in this plan, which comprise some 142,200 acres.

### RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are made to help provide needed outdoor recreation opportunities for public enjoyment and use.

**NATIONAL:** Establishment of the Hubbell Trading Post and Fort Bowie as national historic sites and further study of the Meteor Crater for public park purposes.

**STATE:** Expansion of the State park system to preserve significant resources by the addition of 13 parks, 8 recreation areas, 5 scientific monuments, 17 historic monuments, and 9 nature preserves, and further study



Aravaipa Canyon is proposed for Arizona State park status.

ESTHER HENDERSON.



of 5 other potential areas. Designation and protection of 53 scenic roads and 3 free-flowing streams.

**LOCAL:** Establishment of 4 major local parks and 13 recreation areas in the Phoenix, Tucson, Flagstaff, and Yuma areas.

Supporting recommendations include—

1. Establishment of city, county, and State recreation areas along the Lower Colorado River from Davis Dam to the Mexican border.

2. Development of hiking and riding trails along the Santa Cruz River, San Pedro River, Bloody Basin, and Seven Springs, and from Phoenix to Black Canyon.
3. Preservation of desert flora including outstanding Mesquite and Palo Verde Forests.
4. A special survey of the northwestern corner of the State to determine the recreation values of that largely undeveloped section.



Mountains brood over Fort Bowie's ruins. The old Arizona fort that stood watch at Apache Pass on the Butterfield Trail has been proposed as a national historic site.



ARIZONA	Number on map	Acreage		Significant features									Type of use			Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Parks:																													
Grand Canyon National Park.....	8N	673, 203				x		x				x	x	x	x	x	x	x	x	x						x		x	
Petrified Forest National Park.....	34N	92, 752								x		x	x	x	x		x	x	x							x		x	
Recreation areas:																													
Lake Mead National Recreation Area (Arizona portion).....	3N	1, 209, 901	163, 000		x			x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x		x	
Glen Canyon National Recreation Area (Arizona portion).....	15N	92, 163	162, 700		A	x				x	x		x	x	x	x	x	x	x	x	x	x	x	x		x		x	
Monuments:																													
Scientific:																													
Grand Canyon National Monument.....	5N	193, 040									x	x		x		x	x			x	x					x			
Sunset Crater National Monument.....	43N	3, 040								x	x	x	x	x	x			x	x	x						x			
Organ Pipe Cactus National Monument....	163N	328, 691								x	x	x	x	x	x	x	x	x	x	x	x					x		x	
Saguaro National Monument.....	174N	76, 348						x		x	x	x	x	x	x	x		x	x	x						x		x	
Chiricahua National Monument.....	202N	10, 481								x	x	x	x	x	x	x		x	x	x	x					x		x	
Historic:																													
Pipe Spring National Monument.....	6N	40								x			x	x	x			x	x		x								
Navajo National Monument.....	19N	360								x	x		x	x		x		x	x	x	x					x			
Canyon de Chelly National Monument.....	26N	83, 840								x			x	x	x	x		x	x	x	x					x		x	
Wupatki National Monument.....	42N	34, 607								x			x		x			x	x	x	x					x		x	
Walnut Canyon National Monument.....	44N	1, 642								x			x	x	x			x	x	x						x			
Tuzigoot National Monument.....	76N	43											x		x			x											
Montezuma Castle and Well National Monument.....	81N	783								x			x	x	x			x	x							x			
Tonto National Monument.....	122N	1, 120									x	x	x	x	x			x	x							x			
Casa Grande Ruins National Monument....	130N	473								x			x		x			x	x							x			
Coronado National Memorial.....	215N	2, 745								x		x	x			x		x	x	x						x		x	
Tumacacori National Monument.....	223N	10								x			x		x			x											
Forests:																													
Kaibab.....	9N	1, 718, 043	147	x	x			x			x	x				x	x	x		x	x	x	x	x	x	x	x	x	
Prescott.....	71N	1, 247, 622	396	x	x	x		x			x	x	x		x	x	x	x		x	x	x	x	x	x	x	x	x	
Tonto.....	84N	2, 894, 314	14, 107	x	x	x		x			x	x			x	x	x	x		x	x	x	x	x	x	x	x	x	
Coconino.....	85N	1, 800, 786	2, 052	x	x	x		x			x	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	
Sitgreaves.....	87N	768, 994	203	x	x	x		x			x	x	x			x	x	x		x	x	x	x	x	x	x	x	x	
Apache (Arizona portion).....	101N	1, 190, 068	1, 489	x	x	x		x			x	x	x			x	x	x		x	x	x	x	x	x	x	x	x	
Coronado (Arizona portion).....	188N	1, 724, 147	108	x	x	x		x			x	x	x	x	x	x	x	x		x	x					x	x	x	
Wilderness:																													
Gus Pearson (5).....	48N	154						x			x	x				x	x			x	x					x		x	
San Francisco Peaks (5).....	49N	953						x			x	x	x	x	x	x	x			x	x					x	x	x	
Sycamore Canyon (5).....	78N	45, 952						x			x	x			x	x				x	x					x	x	x	
Pine Mountain (5).....	80N	17, 445											x	x	x					x	x					x	x	x	
Blue Range (5).....	99N	216, 737						x			x	x			x	x	x			x	x					x	x	x	
Mount Baldy (5).....	106N	7, 400						x			x	x				x	x			x	x					x	x	x	
Sierra Ancha (5).....	121N	20, 850						x			x	x	x			x	x			x	x					x	x	x	
Mazatzal (5).....	128N	205, 000						x			x	x			x	x	x			x	x					x	x	x	
Superstition Mountains (5).....	129N	124, 140						x			x	x				x	x			x	x					x	x	x	
Santa Catalina (5).....	183N	4, 464						x			x	x				x	x			x	x					x	x	x	
Galiuro (5).....	193N	55, 000						x			x	x			x	x	x			x	x					x	x	x	
Chiracahua (5).....	209N	18, 000						x			x	x			x		x			x	x					x	x	x	
Pole Bridge Canyon (5).....	219N	320						x			x	x			x	x	x			x	x					x	x	x	
Wildlife areas:																													
Havasas Lake National Wildlife Refuge (Arizona portion).....	62N	26, 657	25, 100		x					x	x	x			x	x	x		x		x	x	x	x	x	x			
See footnotes at end of table.																													

See footnotes at end of table.

ARIZONA	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
FEDERAL—Continued																												
Wildlife areas—Continued																												
Salt River National Wildlife Refuge . . . . .	125N	21, 061						x			x	x		x	x	x	x				x			x		x		
Kofa Game Range . . . . .	152N	660, 000							x	x	x			x	x	x	x				x				x	x		x
Imperial National Wildlife Refuge (Arizona portion) . . . . .	154N	28, 711	13, 740		x				x		x			x	x	x		x		x	x	x	x	x	x	x		
Cabeza Prieta Game Range . . . . .	160N	860, 000							x	x	x	x	x		x	x				x				x	x		x	
STATE																												
Recreation areas:																												
Lyman Lake . . . . .	93S	160	1, 500		A				x						x	x		x	x		x	x	x	x		x		
Big Lake . . . . .	105S	580	550	A				x			x	x				x		x			x			x		x		
Monuments: Historic:																												
First Territorial Capitol . . . . .	72S	1										x			x			x										
Pueblo Grande . . . . .	138S	18							x			x			x			x										
Yuma Territorial Prison . . . . .	157S	9			A				x			x			x			x	x									
Fort Lowell Ruins . . . . .	184S	40										x			x			x	x									
Tombstone Courthouse (4) . . . . .	212S	1										x					x	x	x							x		
Tubac Presidio (7) . . . . .	222S	5							x			x			x		x	x	x							x		
Nature preserve: Phelps Botanical Garden . . . . .	102S	40								x	x							x		x						x		
Wildlife areas:																												
Luna Lake . . . . .	100S	79	73	A							x				x							x		x	x	x		
Mittry Lake . . . . .	158S	2, 440	M	x							x				x							x		x	x	x		
May Memorial . . . . .	207S	860	S		x						x				x							x		x	x	x		
MAJOR LOCAL																												
Parks:																												
Coconino County . . . . .	45L	640						x				x			x			x	x		x					x		
Hualapai Mountain . . . . .	55L	2, 226						x			x	x			x			x	x	x	x					x		
Maricopa County . . . . .	133L	18, 000						x		x	x	x	x		x				x	x						x		
Phoenix South Mountain (8) . . . . .	142L	14, 672						x		x	x	x	x		x				x	x						x		
Thunderbird Mountain . . . . .	145L	1, 000								x		x			x			x	x	x						x		
Lake Pleasant (7) . . . . .	146L	4, 752	3, 585		A					x		x			x				x	x	x	x	x	x		x		
Estrella Mountain (7) . . . . .	148L	16, 619								x	x	x			x			x	x	x						x		
Tucson Mountain . . . . .	175L	17, 640						x		x	x	x	x	x	x				x	x						x		
Colossal Caves . . . . .	187L	640								x	x		x	x	x			x	x	x	x					x		
Recreation area: Thunderbird . . . . .	147L	12, 883								x					x			x	x		x					x		
MAJOR QUASI-PUBLIC AND PRIVATE																												
Park: Monument Valley (9) . . . . .																												
23P	90, 000								x			x	x	x	x	x	x	x	x							x		
Monuments: Historic:																												
Coconino Caverns . . . . .	53P	250							x					x	x			x	x									
Camp Verde . . . . .	79P	1											x		x			x										
Tonto Natural Bridge . . . . .	82P	160									x			x	x	x		x	x	x	x			x		x		
Pete Kitchen Ranch (4) . . . . .	220P	5							x	x			x		x			x										
Nature preserves:																												
West Oak Creek Canyon . . . . .	50P	940						x			x	x		x	x	x		x			x					x		x
Hooper's Rim Valley (6) . . . . .	96P											x				x	x											
Southwest Arboretum . . . . .	123P	100								x					x			x		x						x		
Arizona-Sonora Desert Museum (10) . . . . .	176P	20								x	x	x			x			x										
Desert Laboratory (6) . . . . .	189P									x		x			x			x	x	x						x		
Wildlife areas:																												
House Rock Valley (6) . . . . .	12P											x						x		x						x		
Picacho Reservoir (6) . . . . .	171P		M		x							x			x			x	x	x		x	x	x		x		
See footnotes at end of table.																												



ARIZONA	Number on map	Acreage		Significant features									Type of use			Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
POTENTIAL AREAS																													
NATIONAL																													
Monuments:																													
Scientific: Meteor Crater (3)	40N	2,560						x					x	x		x	x									x			
Historic:																													
Hubbell Trading Post (4)	31N	156							x			x		x			x	x											
Fort Bowie (4)	201N	900							x	x	x	x	x	x	x	x	x	x	x	x						x			
STATE																													
Parks:																													
Tonalea	18S	500								x		x	x		x		x	x	x	x						x			
Four Corners Tribal (Arizona portion)	28S	250							x		x	x	x		x		x	x	x	x						x			
Steamboat Canyon (3)	35S	1,000						x			x		x		x		x	x	x	x						x			
Joshua Tree Forest—Mohave County	58S	2,500						x		x	x		x		x		x	x	x	x						x			
Joshua Tree Forest—Yavapai County	69S	1,280						x		x	x			x	x		x	x	x	x						x			
Hashknife Range Area	89S	2,500								x	x	x		x	x		x	x	x	x						x			
Point O'Pines	107S	5,000						x			x	x	x	x		x		x	x	x	x				x	x			
Salt River Canyon	113S	10,000						x			x	x		x	x	x		x	x	x	x				x	x			
Quijota (Covered Wells)	168S	640								x	x	x				x		x	x	x	x					x			
Picacho Peak Area	172S	1,280								x	x	x	x	x	x	x		x	x	x	x				x	x			
San Pedro River Mesquite Area (3)	191S	5,000						x			x	x			x			x	x	x	x					x			
Aravaipa Canyon	192S	3,520						x			x	x	x	x	x	x		x	x	x	x				x	x	x		
Texas Canyon	196S	10,000								x		x	x	x	x			x	x	x	x					x			
Baboquivari Peak	225S	1,500						x			x	x			x	x		x	x	x	x				x	x			
Palo Verde	227S	800						x		x		x			x			x	x	x	x					x			
Recreation areas:																													
Marble Canyon Project (3)	13S	5,580	4,000	A				x			x	x	x	x	x		x	x	x	x	x	x	x	x	x	x			
Peach Springs Boat Landing (3)	54S	8,000	L	A	A			x			x	x	x	x	x		x	x	x	x	x	x	x	x	x	x			
Bullhead	60S	1,000			A					x		x			x	x	x	x	x	x	x	x	x	x	x	x			
Colorado River Reservation—South of State																													
Highway No. 72	63S	5,000			A					x		x			x	x	x	x	x	x	x	x	x	x	x	x			
Parker	64S	5,000			A					x		x			x	x	x	x	x	x	x	x	x	x	x	x			
Colorado River Reservation—North of State																													
Highway No. 72	65S	4,000	L	A	A					x		x			x	x	x	x	x	x	x	x	x	x	x	x			
Alamo Reservoir (3)	67S	2,000	M	A						x	x	x			x	x			x	x	x	x	x	x	x	x			
Granite Dells	74S	2,500	120	x				x			x	x	x		x	x	x		x	x	x	x	x	x	x	x			
San Carlos Lake and Dam	112S	3,000	21,700	A	A			x			x	x	x		x	x			x	x	x	x	x	x	x	x			
Butte Dam and Reservoir	127S	1,000	800	A								x			x	x	x		x	x	x	x	x	x	x	x			
Cibola-Ehrenburg	153S	1,000						x			x		x		x	x	x		x	x	x	x	x	x	x	x			
Monuments:																													
Scientific:																													
Awatovi	37S	10								x			x		x			x	x								x		
Old Oraibi	39S	10								x			x		x			x	x										
Dinosaur Canyon and Tracks	41S	10								x					x	x	x		x	x									
Painted Rocks	151S	5								x			x	x	x				x	x							x		
Crater Canyon Area	162S	2,000								x					x	x	x		x	x	x						x		
Historic:																													
Whitewater District	29S	2,500											x		x	x			x	x	x						x		
Three Turkey Ruins	32S	100									x		x						x	x	x						x		
Oatman-Goldroads	59S	1,000								x	x	x	x	x	x				x	x	x	x					x		
Barth Hotel	94S	5											x						x	x									
St. John's Pueblo	95S	20											x		x				x	x	x								
Kinishba Ruins	109S	60											x		x				x	x									
Besh-Ba-Gowah	115S	5											x						x	x									
Adamsville Ruins	126S	20											x		x				x	x	x								

See footnotes at end of table.

ARIZONA	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Monuments—Continued																												
Historic—Continued																												
Ancient Montezuma Canals.....	134S	640								x		x		x				x	x	x						x		
Mesa Grande.....	135S	640										x		x				x	x									
Snaketown Ruins.....	137S	10										x		x				x	x									
Gatlin Ruin.....	165S	40										x		x			x	x	x									
Picture Rocks.....	178S	5								x		x		x				x	x							x		
San Xavier del Bac Mission (4).....	180S	30								x		x		x				x										
Quiburi.....	213S	20										x		x				x	x							x		
Fort Crittenden.....	217S	20										x		x				x	x	x								
Guevavi.....	221S	1										x		x				x	x									
Nature preserves:																												
Natural Desert Area.....	68S	3,000						x		x	x	x		x	x	x	x	x	x	x	x					x		
Area in San Carlos Indian Reservation.....	114S	600										x			x	x		x	x	x	x					x		
Black Mountain.....	140S	7,675						x			x	x			x	x			x	x	x					x	x	
Sheridan Mountain.....	169S	600						x			x	x			x			x	x	x	x					x		
Silver Bell Mountains.....	173S	1,000									x	x			x	x		x	x	x	x					x		
San Cosme Area.....	181S	1,000										x			x				x	x	x					x		
Mesquite Forest.....	190S	1,000						x		x		x			x	x		x	x	x	x					x		
Mule Mountains and Golden Eagle Box Canyon.....	211S	1,500						x			x	x		x	x	x		x	x	x	x					x		
Maristo Canyon.....	226S	600						x				x			x			x	x	x						x		
Scenic roads:																												
U.S. 93: East and southeast of Boulder City....	1S	20 mi.			A					x	x	x		x		x		x								x		
State Road (unnumbered): Nelson-Havasupai..	4S	60 mi.								x		x		x							x					x	x	
U.S. 89 (Alt.).....	7S																											
North boundary State line-Junction U.S. 89..		92 mi.			A			x		x	x	x			x			x	x	x	x					x	x	
Prescott-Flagstaff.....		90 mi.						x			x	x			x			x	x	x	x					x	x	
State Highway No. 67: Jacob Lake-Bright Angel																												
Point-Cape Royal.....	10S	67 mi.			A			x			x	x		x	x			x	x	x	x				x	x	x	
State Highway No. 64: Grand Canyon-Cameron..	11S	65 mi.						x			x	x		x	x			x	x	x	x					x		
U.S. 89.....	14S																											
North boundary-Flagstaff.....		145 mi.			A			x		x	x	x		x	x			x	x	x						x	x	
Congress-Prescott Forest boundary.....		60 mi.									x	x		x	x			x	x	x						x	x	
Apache Junction-Nogales.....		181 mi.			A			x		x	x	x		x	x			x	x	x						x	x	
Indian Road No. 1.....	16S	172 mi.								x		x	x	x				x	x	x	x					x	x	
Indian Road No. 3.....	17S	159 mi.								x		x	x	x				x	x		x					x		
Indian Road (unnumbered): Junction Indian											x	x	x		x			x	x	x	x					x	x	
Road No. 1-Rainbow Bridge.....	20S	36 mi.								x	x	x		x			x	x	x	x	x					x	x	
Indian Road No. 18: Kayenta-North boundary											x		x		x			x	x	x						x		
State line.....	21S	24 mi.																										
Indian Road (unnumbered): Kayenta-Many																												
Farms.....	22S	50 mi.									x		x		x			x	x		x					x	x	
Indian Road No. 8.....	24S	75 mi.									x		x		x			x	x		x					x	x	
Indian Road (unnumbered): Junction Indian																												
Road No. 3-Chinle.....	25S	62 mi.									x		x		x			x	x		x					x	x	
Indian Road (unnumbered): Carrizo-Junction																												
U.S. 66 at Arizona-New Mexico line.....	27S	95 mi.								x	x	x	x	x				x	x	x	x				x	x	x	
U.S. 666: East boundary State line-Guthrie....	30S	292 mi.			A	A				x			x		x			x	x		x					x	x	
U.S. 260: Holbrook through Petrified Forest to																												
U.S. 66.....	33S	41 mi.								x			x		x			x	x	x	x					x		
Indian Road No. 6.....	36S	59 mi.									x	x		x				x	x							x	x	
Indian Road No. 4.....	38S	72 mi.									x	x		x				x	x	x	x					x	x	
U.S. 66: Winona-Pine Springs.....	46S	38 mi.																x	x	x	x					x	x	
State Highway No. 164: Junction State No. 64-																												
Flagstaff-Clints Well.....	47S	105 mi.								x	x		x	x				x	x	x	x					x	x	x

See footnotes at end of table.



ARIZONA	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Scenic roads—Continued																												
State Highway (unnumbered): Loop Road through Prescott National Forest between Seligman and Prescott.....	52S	84 mi.									x	x		x				x	x	x						x	x	
State Highway (unnumbered): Topock-Kingman.....	56S	48 mi.				A					x	x	x	x				x	x		x					x	x	
State Highway No. 68: Bullhead City-Kingman.....	57S	32 mi.				A					x	x	x		x			x	x		x	x	x	x	x	x	x	
State Highway No. 95: Quartzsite-Yuma.....	61S	75 mi.									x		x					x								x	x	
State Highway No. 93: Kingman-Junction State No. 71.....	66S	100 mi.				A					x	x	x		x			x	x		x					x	x	
State Highway No. 69: Prescott-Black Canyon...	73S	65 mi.				A			x		x		x			x		x	x							x	x	
State Highway No. 79: Flagstaff-Cordes Junction.....	75S	73 mi.							x			x	x	x	x			x	x	x	x				x	x	x	
State Highway No. 279: Cottonwood-Pine.....	77S	52 mi.				A			x			x	x	x	x			x	x	x	x				x	x	x	
State Highway No. 87: Phoenix-State Highway 65 at Coconino Forest Boundary.....	83S	128 mi.				A			x		x	x	x		x	x		x	x	x	x				x	x	x	
State Highway No. 160: Show Low-Junction State Highway No. 87.....	86S	110 mi.				A			x			x	x	x	x			x	x	x	x					x	x	
U.S. 60: East boundary State line-Phoenix.....	88S	235 mi.				A			x			x	x		x			x	x	x						x	x	
State Highway No. 173: Show Low-McNary.....	90S	16 mi.							x			x	x		x			x	x	x	x					x	x	x
State Highway No. 73: Carrizo-Springerville...	91S	90 mi.				A			x			x	x	x	x			x	x	x	x					x	x	x
State Highway No. 61: Witch Well-East boundary State line.....	97S	25 mi.							x			x		x	x			x	x							x	x	
U.S. 260: Alpine-East boundary State line.....	98S	15 mi.				A			x			x	x		x			x	x	x	x					x	x	x
State Road (unnumbered): Coolidge Dam Loop Road.....	111S	45 mi.				A	A				x		x		x	x		x	x	x	x					x	x	x
State Highway No. 77: Globe-Oracle Junction...	116S	106 mi.				A					x		x		x	x		x	x							x	x	
State Highway No. 177: Superior-Winkelman...	119S	37 mi.				A					x		x		x	x		x	x							x	x	
State Highway No. 88: Apache Junction-Globe.....	120S	77 mi.				A	A				x	x	x		x	x		x	x	x	x	x	x	x	x	x	x	
State Highway No. 188: Junction State Highway No. 87—State No. 88.....	124S	35 mi.				A					x	x			x	x		x	x							x	x	x
State Highway No. 85: Maricopa-Pima County line-Mexican border.....	164S	50 mi.									x		x		x	x		x	x	x	x					x	x	
State Highway No. 84.....	166S																											
Gila Bend-10 mi. West Stanfield.....		25 mi.									x	x	x		x			x	x							x	x	
Casa Grande-Tucson.....		47 mi.				A					x		x			x		x	x								x	
State Highway No. 86.....	167S																											
Ajo-Tucson.....		104 mi.				A					x		x	x				x	x							x	x	
Through Texas Canyon.....		10 mi.									x	x	x		x			x	x	x						x	x	
Bowie-Road Forks, N. Mex.....		31 mi.									x				x			x	x								x	
State Highway (unnumbered): Loop Road through Tucson Mountain Park.....	177S	25 mi.							x		x	x	x		x	x		x	x	x	x					x		
U.S. 80.....	182S																											
Tucson-Mountain View.....		21 mi.									x		x		x	x		x	x	x						x	x	
Tombstone-Douglas.....		49 mi.									x		x	x	x	x		x	x	x						x	x	
Chiricahua-State line.....		50 mi.									x		x		x	x		x	x							x	x	
State Highway (unnumbered): Oracle-Tucson...	186S	36 mi.							x		x	x	x		x	x		x	x	x	x					x	x	
State Highway (unnumbered): Loop Road through Apache Pass and Chiricahua National Monument.....	199S	48 mi.									x	x	x	x				x	x	x	x					x	x	
State Highway No. 75: Guthrie-Duncan.....	203S	25 mi.				A					x		x		x			x	x							x	x	x
U.S. 70: Duncan-east boundary State line.....	205S	5 mi.									x		x		x			x	x							x	x	x

See footnotes at end of table.

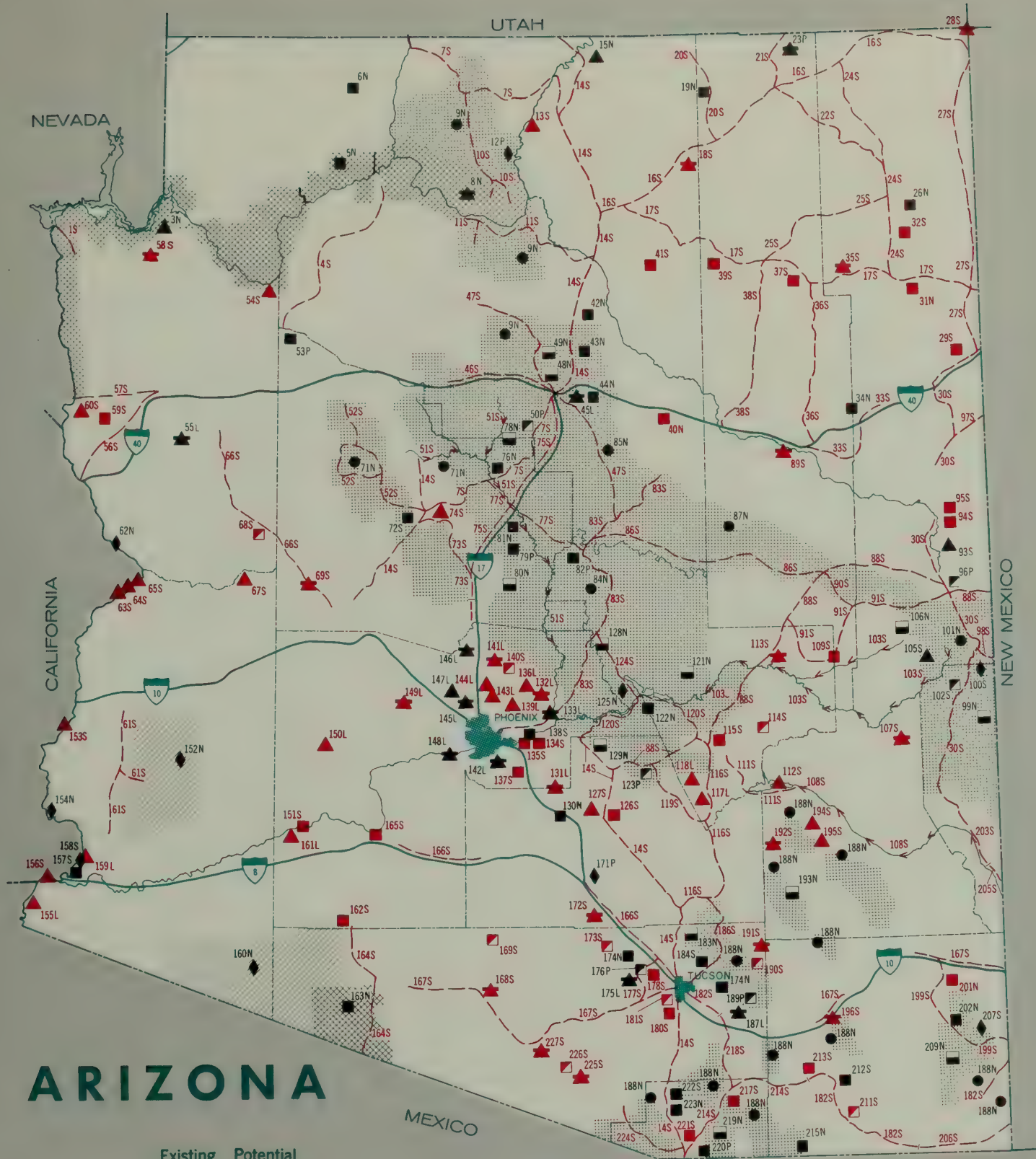
ARIZONA	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Scenic roads—Continued																												
Unnumbered paved road: Douglas through Coronado National Forest-east boundary State line.....	206S	25 mi.								x	x	x		x	x			x	x	x	x				x	x		
State Highway No. 82: Nogales-Tombstone....	214S	69 mi.			A			x	x		x	x	x	x			x	x	x	x					x	x		
State Highway No. 83: Mountain View-Sonoita.	218S	27 mi.								x	x	x		x	x			x	x						x	x		
State Highway No. 289: Loop Road through Coronado National Forest northwest of Nogales.	224S	30 mi.								x	x	x	x	x	x			x	x	x	x				x	x		
Free-flowing streams:																												
Verde River-Sycamore Creek.....	51S	130 mi.						x	x	x	x	x		x	x	x		x	x		x	x	x	x	x	x		
Salt River-East Fork-Black River.....	103S	225 mi.						x		x	x	x	x	x	x			x	x		x	x	x	x	x	x		
Gila River.....	108S	115 mi.						x		x	x	x	x	x	x			x	x		x	x	x	x	x	x		
LOCAL																												
Parks:																												
San Tan Mountains.....	131L	3,500								x	x	x	x	x	x			x	x	x	x				x	x		
Usery Mountain Regional.....	132L	3,048						x		x	x	x		x	x			x	x	x	x				x			
Cave Creek Regional.....	141L	2,592						x		x	x	x			x			x	x	x	x				x			x
White Tank Regional.....	149L	28,720						x		x	x	x		x	x			x	x	x	x				x	x		
Recreation areas:																												
Dripping Springs.....	117L	28,700			x		x			x	x			x	x	x		x	x	x	x			x	x	x		x
Stone Cabin Mountain.....	118L	27,100					x				x	x		x	x			x	x	x	x				x	x		x
Pinnacle Peak.....	136L	5,648								x	x				x			x	x	x					x			
Camelback Mountain.....	139L	1,301								x	x	x			x				x	x	x				x	x		
Squaw Peak Mountain.....	143L	636								x	x	x		x	x			x	x	x	x				x			
State Shooting Range.....	144L	640								x					x										x	x		
Saddle Mountain.....	150L	5,753						x		x	x	x			x	x		x	x	x	x				x			
Sommerton.....	155L	50			A							x			x			x	x	x	x	x	x	x	x			
Yuma Waterfront.....	156L	1,500			A							x			x			x	x	x	x	x	x	x	x			
Laguna Reservoir.....	159L	1,000	L	A									x		x	x		x	x	x	x	x	x	x	x			
Painted Rock Reservoir.....	161L	6,400	100	A						x					x			x	x		x	x	x	x				
Goodwin Canyon.....	194L	23,880						x		x	x	x		x	x			x	x	x	x				x	x		x
Black Rock.....	195L	1,800						x			x	x		x	x			x	x	x	x				x	x		x

- (7) Where water surface acreage not shown:  
 "S" indicates water surface under 500 acres.  
 "M" indicates water surface between 500 to 10,000 acres.  
 "L" indicates water surface over 10,000 acres.
- (2) An "A" indicates all or major portion of water surface acreage is adjacent to area.  
 (3) Suggested area—qualifications not wholly determined. Further study required.  
 (4) Eligible for Registered National Historic Landmark status.  
 (5) Wilderness area acreage included in National Forest acreage.  
 (6) Land acreage not determined.  
 (7) Major additions recommended.  
 (8) Included in recent annexation by city of Phoenix.  
 (9) Duplicate acreage with Utah.  
 (10) Located in Tucson Mountain Park.





San Xavier del Bac, near Tucson, Arizona, established in 1700 as the northernmost of a chain of 24 missions to the Indians. The present church, consecrated in 1797, is one of the finest architectural examples of its kind.



# ARIZONA

	Existing	Potential
Park	★	★
Recreation Area ,Etc.	▲	▲
Monument	■	■
Nature Preserve	◻	◻
Wilderness	▣	▣
Wildlife Area	◆	◆
Forest	●	●
Scenic Route	---	---

	Existing	Potential
Free-flowing Stream	~~~~~	~~~~~
NATIONAL PARK	▨	▨
NATIONAL FOREST	▩	▩
NATIONAL WILDLIFE REFUGE	▧	▧







# CALIFORNIA

CALIFORNIA'S wide range of natural resources from the Pacific coast to the High Sierra and the Colorado River desert provides great recreation opportunities for its residents and attracts many visitors.

The State population increased 48 percent in the last decade to 15,717,204 in 1960. It may soar to 23,744,000 by 1976. Eighty-six percent of the people live in urban areas. Although there were 100 people per square mile in the State, 9 counties had less than 5 persons per square mile in 1960.

Tourism is an important segment in California's economy with an estimated \$920,890,000 outlay in 1960.

The State is building a freeway system designed to handle highway demand expected to triple by 1980. One of the objectives is to provide better access to major recreation regions. Air, rail, and water transportation are significant in bringing recreationists into California.

The basic recreation resources include hundreds of miles of varied seacoast, spectacular deserts, great mountain ranges, a salubrious climate, vast forests, including the world-renowned redwoods, wilderness areas, numerous rivers, mountain lakes and streams, and coastal boating areas, notably San Francisco Bay and the Sacramento Delta. Reservoirs offer growing opportunities for water-oriented recreation. Hunting and fishing (coastal, lake, and stream) are important recreation activities, and winter sports are assuming increasing significance.

There are many prehistoric sites and historic sites dating from the early Spanish days. Twenty-one sites possess exceptional value in commemorating the history of the United States.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers 4 national parks and 8 national monuments that contain 4,051,842 acres and had an attendance of 7,397,500 in 1960. The Forest Service manages 23 national forests totaling 20,599,438 acres on which are 18 areas of the wilderness type and 1,400 developed recreation areas. There are 13 national wildlife refuges with a total of 207,592 acres, administered by the Bureau of Sport Fisheries and Wildlife. The Corps of Engineers has 15 completed flood- and debris-control projects with varying degrees of recreation use and potential. Under the Bureau of Reclamation are 16 reservoirs with 313,000 acres of land and water. The Bureau of Land Management has set up six cooperative land and wildlife management areas.

**STATE:** The California Division of Beaches and Parks manages 695,900 acres in 188 parks, beaches, recreation, historic, and related areas. The 1960 attendance was 24,476,356. The California Division of Fish and Game has 18 wildlife management areas, with 188,780 acres. There are eight State forests, 70,225 acres, under the California Division of Forestry. Thirty-four designated waysides are maintained by the State Highway Commission. The State has about 200,000 acres of water usable for swimming and boating and approximately 500 boat-launching and mooring facilities. The California Hiking and Riding Trail, about half complete, will extend 1,900 miles through the Sierra and Coast Ranges.

**LOCAL:** Major areas identified in this plan include 4 parks, 26 recreation areas, and 1 beach. They are administered by county irrigation districts and regional





Santa Cruz Island, Calif., one of the five northern Channel Islands. This group presents one of the finest opportunities in America to protect island, seashore, and related marine values in national seashore status.

park districts. Total acreage of these areas is 31,009 acres.

**PRIVATE ENTERPRISE:** Private enterprise assumes an important role in meeting resort demand and providing facilities on private and public lands. Recreation and tourist travel is largely accommodated by well-developed motel and trailer park systems. Public utility reservoirs also provide recreation outlets.

### PARK AND RELATED NEEDS

National, State, and local agencies administer 5 million acres of park and recreation lands in California. Another 20 million acres are in national forest, wildlife refuge, and public domain status. This tremendous acreage gives California an excellent base for meeting the needs of the State's urban population and out-of-State visitors. There should be a general expansion of Federal, State, and local park and recreation areas and facilities. One urgent need is for close-

in areas to preserve open space and provide for day and weekend recreation in the southern California, San Francisco Bay, and Sacramento urban areas. Land areas related to existing reservoirs are generally inadequate. California's farsighted scenic-route concept needs implementation and adequate local participation. Preservation of selected free-flowing streams and related values needs attention.

An adequate system of waysides, appropriately administered, is a serious need. Federal participation is needed to assure coast redwoods conservation commensurate with their international significance. Rapid acquisition is needed of the last remaining sections of Pacific coast shoreline possessing recreational values before urbanization spreads to all sections of the coast.

Potential State park, recreation, beach, and related lands identified in this plan total 535,079 acres. Potential local lands amount to 73,745 acres. If acquired, they will go far in meeting general expansion and specific needs.



## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are made to help provide needed outdoor recreation opportunities for public enjoyment and use.

**NATIONAL:** Early acquisition and development of Point Reyes National Seashore and establishment of a Channel Islands National Seashore. Further study of Coast Redwoods National Park potentialities, Old Mint National Monument, and the best means of developing the recreation potential of Whiskeytown and related reservoirs and surrounding scenic area in northern California.

**STATE:** Enlargement of the State park system to protect valuable park and beach resources and provide additional recreation opportunities by the addition of 12 parks, 23 recreation areas, 4 historic monuments, 3 nature preserves, and 12 beaches, with further study of 9 recreation areas, 4 scientific monuments, 3 historic monuments, 8 nature preserves, and 13 beaches. Designation and protection of 19 scenic roads and 7 free-flowing streams. Complete development of the California Hiking and Riding Trail.

**LOCAL:** Establishment of 5 parks, 37 recreation areas, 1 scientific monument, and 2 beaches.

Supporting recommendations include clarification and expansion of the highway wayside program.



Fronds festoon the walls of Fern Canyon, a proposed addition to Prairie Creek Redwoods State Park, California.

MOULIN.



CALIFORNIA	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Parks:																												
Lassen Volcanic National Park.....	56N	106,125					x			x	x		x	x	x	x	x	x	x	x			x		x	x	x	
Yosemite National Park (5).....	249N	758,112				x		x		x	x		x	x	x	x	x	x	x	x			x		x	x	x	
Kings Canyon National Park.....	264N	453,768				x		x		x	x		x	x	x	x	x	x	x	x			x		x	x	x	
Sequoia National Park.....	266N	385,419						x		x	x			x	x	x	x	x	x	x			x		x		x	
Cooperative Land and Wildlife Management Areas (BLM):																												
Mount Dome National Cooperative Land and Wildlife Management Area.....	31N	22,275									x			x	x				x	x					x			
Cinder Cone National Cooperative Land and Wildlife Management Area.....	58N	27,499									x			x	x				x	x					x			
New Idria National Cooperative Land and Wildlife Management Area.....	275N	62,779									x			x	x				x	x					x			
Panoche National Cooperative Land and Wildlife Management Area.....	276N	50,248									x			x	x				x	x					x			
Tremblor National Cooperative Land and Wildlife Management Area.....	317N	57,750									x			x	x				x	x					x			
McCain Valley National Cooperative Land and Wildlife Management Area.....	432N	38,692								x		x			x	x			x	x					x			
Monuments:																												
Scientific:																												
Lava Beds National Monument.....	36N	46,239										x	x	x	x	x	x	x	x	x						x		
Muir Woods National Monument.....	203N	585						x						x		x	x	x								x		
Devils Postpile National Monument.....	253N	798												x	x	x	x	x	x						x		x	
Death Valley National Monument (California portion).....	260N	1,763,848								x		x	x	x	x	x	x	x	x	x						x		x
Pinnacles National Monument.....	277N	13,618												x	x	x	x	x	x	x						x		
Channel Islands National Monument (5)....	376N	18,167						x				x			x		x			x	x	x	x			x		
Joshua Tree National Monument.....	425N	505,082								x		x		x	x	x	x	x	x	x						x		
Historic: Cabrillo National Monument (5)....	438N	81											x		x		x	x	x									
Forests:																												
Northern Redwoods Purchase Unit.....	17N	14,491						x			x	x			x	x		x	x	x	x				x	x	x	x
Six Rivers National Forest.....	18N	935,266						x			x	x			x	x		x	x	x	x				x	x	x	x
Siskiyou National Forest (California portion)...	19N	31,740						x			x	x			x	x		x	x	x	x				x	x	x	x
Rogue River National Forest.....	20N	49,261						x			x	x			x	x		x	x	x	x				x	x	x	x
Klamath National Forest.....	21N	1,667,669						x			x	x			x	x		x	x	x	x				x	x	x	x
Shasta National Forest.....	30N	986,585						x			x	x			x	x		x	x	x	x				x	x	x	x
Modoc National Forest.....	39N	1,688,789						x			x	x			x	x		x	x	x	x				x	x	x	x
Plumas National Forest.....	51N	1,147,415						x			x	x			x	x		x	x	x	x	x	x		x	x	x	x
Lassen National Forest.....	54N	1,667,669						x			x	x			x	x		x	x	x	x	x	x		x	x	x	x
Trinity National Forest.....	75N	1,051,173						x			x	x			x	x		x	x	x	x				x	x	x	x
Mendocino National Forest.....	111N	867,433						x			x	x			x	x		x	x	x	x				x	x	x	x
Tahoe National Forest.....	126N	694,123						x			x	x			x	x		x	x	x	x	x	x		x	x	x	x
Toiyabe National Forest (California portion)....	140N	629,745						x			x	x			x	x		x	x	x	x				x	x	x	x
Stanislaus National Forest.....	146N	895,820						x			x	x			x	x		x	x	x	x	x	x		x	x	x	x
Calaveras Big Trees National Forest.....	148N	379						x			x	x			x	x		x	x	x	x	x	x		x	x	x	x
Eldorado National Forest (California portion)...	151N	640,872						x			x	x			x	x		x	x	x	x	x	x		x	x	x	x
Sierra National Forest.....	250N	1,295,745						x			x	x			x	x		x	x	x	x	x	x		x	x	x	x
Inyo National Forest (California portion).....	256N	1,774,236						x			x	x			x	x		x	x	x	x				x	x	x	x
Sequoia National Forest.....	270N	1,118,508						x			x	x			x	x		x	x	x	x				x	x	x	x
Los Padres National Forest.....	296N	1,749,082						x			x	x			x	x		x	x	x	x				x	x	x	x
San Bernardino National Forest.....	339N	613,886						x			x	x			x	x		x	x	x	x	x	x		x	x	x	x
Angeles National Forest.....	345N	648,739						x			x	x			x	x		x	x	x	x				x	x	x	x
Cleveland National Forest.....	401N	391,312						x			x	x			x	x		x	x	x	x				x	x	x	x

See footnotes at end of table.

CALIFORNIA		Number on map	Acreage		Significant features								Type of use				Activities												
			Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																													
FEDERAL—Continued																													
Wilderness (Forest Service):																													
Marble Mountain Wilderness Area . . . . .	22N	243, 561						x			x					x	x	x	x	x	x	x			x	x	x		x
Salmon-Trinity Alps Wilderness Area . . . . .	25N	281, 684						x			x					x	x	x	x	x	x	x			x	x	x		x
South Warner Wild Area . . . . .	42N	16, 320						x			x					x	x	x	x	x	x	x			x	x	x		x
Caribou Peak Wild Area . . . . .	55N	17, 600						x			x					x	x	x	x	x	x	x			x	x	x		x
Thousand Lake Valley Wild Area . . . . .	57N	16, 320						x			x					x	x	x	x	x	x	x			x	x	x		x
Middle Eel-Yolla Bolly Wilderness Area . . . . .	76N	111, 097						x			x					x	x	x	x	x	x	x			x	x	x		x
Desolation Valley Wild Area . . . . .	135N	43, 000						x			x					x	x	x	x	x	x	x			x	x	x		x
Hoover Wild Area . . . . .	144N	77, 400						x			x					x	x	x	x	x	x	x			x	x	x		x
Emigrant Basin Wild Area . . . . .	145N	109, 400						x			x					x	x	x	x	x	x	x			x	x	x		x
High Sierra Wilderness Area . . . . .	252N	509, 369						x			x					x	x	x	x	x	x	x			x	x	x		x
Mount Dana-Minarets Wild Area . . . . .	254N	82, 181						x			x					x	x	x	x	x	x	x			x	x	x		x
Ventana Wild Area . . . . .	295N	55, 884						x			x					x	x	x	x	x	x	x			x	x	x		x
San Gorgonio Wild Area . . . . .	338N	34, 700						x			x					x	x	x	x	x	x	x			x	x	x		x
Cucamonga Wild Area . . . . .	341N	5, 984						x			x					x	x	x	x	x	x	x			x	x	x		x
Devil's Canyon-Bear Canyon Wild Area . . . . .	344N	35, 270						x			x					x	x	x	x	x	x	x			x	x	x		x
San Rafael Wild Area . . . . .	357N	74, 160						x			x					x	x	x	x	x	x	x			x	x	x		x
Agua Tibia Wild Area . . . . .	415N	27, 234						x			x					x	x	x	x	x	x	x			x	x	x		x
San Jacinto Wild Area . . . . .	416N	23, 046						x			x					x	x	x	x	x	x	x			x	x	x		x
Wildlife areas:																													
Lower Klamath National Wildlife Refuge (California portion) . . . . .	33N	21, 460	11, 590									x										x					x		
Tulelake National Wildlife Refuge . . . . .	37N	37, 337										x															x		
Clear Lake National Wildlife Refuge . . . . .	38N	33, 559										x															x		
Modoc National Wildlife Refuge . . . . .	40N	5, 966										x															x		
Sacramento National Wildlife Refuge . . . . .	118N	10, 776										x															x		
Colusa National Wildlife Refuge . . . . .	120N	4, 040										x															x		
Sutter National Wildlife Refuge . . . . .	169N	2, 591										x															x		
Merced National Wildlife Refuge . . . . .	238N	2, 562										x															x		
Kern National Wildlife Refuge . . . . .	315N	10, 544										x															x		
Pixley National Wildlife Refuge . . . . .	316N	4, 244										x															x		
Havas National Wildlife Refuge (California portion) . . . . .	331N	19, 105										x															x		
Salton Sea National Wildlife Refuge . . . . .	422N	37, 327										x															x		
Imperial National Wildlife Refuge (California portion) . . . . .	422N	18, 081										x															x		
STATE																													
Parks:																													
Pelican Beach State Park . . . . .	1S	5					x									x	x		x	x					x				
Jedediah Smith Redwoods State Park (5) . . . . .	3S	9, 539				x		x			x	x				x	x		x	x	x	x			x	x		x	
Del Norte Coast Redwoods State Park (5) . . . . .	6S	5, 833					x	x			x	x				x	x		x	x	x	x			x		x		
Prairie Creek Redwoods State Park (5) . . . . .	8S	9, 568					x	x			x	x				x	x		x	x	x	x			x		x		
Dry Lagoon Beach State Park . . . . .	11S	927					x									x	x		x	x		x			x				
Patrick's Point State Park (5) . . . . .	12S	425					x	x			x					x	x		x	x		x			x		x		
Trinidad Beach State Park . . . . .	14S	20					x									x	x		x	x					x				
Castle Crags State Park (5) . . . . .	28S	5, 331					x		x		x					x	x		x	x	x	x			x	x		x	
McArthur-Burney Falls Memorial State Park . . . . .	59S	565	M	A				x			x					x	x		x	x	x	x			x	x		x	
Richardson Grove State Park . . . . .	77S	761				x		x			x					x	x		x	x	x	x			x	x		x	
Benbow Lake State Park (5) . . . . .	78S	217	6, 400	A		x		x			x					x			x	x		x			x	x		x	
Grizzly Creek Redwoods State Park . . . . .	81S	150				x		x			x					x	x		x	x	x	x			x	x		x	
Humboldt Redwoods State Park (5) . . . . .	83S	23, 464					x					x				x			x	x	x	x			x	x		x	
Standish-Hickey State Park (5) . . . . .	90S	635				A		x			x					x	x		x	x	x	x			x	x			
Admiral William H. Standley State Park . . . . .	91S	45						x			x					x	x		x										

See footnotes at end of table.



CALIFORNIA	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Parks—Continued																												
Russian Gulch State Park . . . . .	100S	1, 122				x	x	x							x	x		x	x	x			x	x		x		
Paul M. Dimmick Memorial Grove State Park . .	103S	12				x		x							x	x		x	x		x		x	x		x		
Montgomery Woods State Park . . . . .	104S	647						x			x				x	x		x	x		x					x		
Hendy Woods State Park (5) . . . . .	105S	587				x		x			x				x	x		x	x		x					x		
Indian Creek State Park . . . . .	106S	15						x							x	x		x	x							x		
Woodson Bridge State Park . . . . .	115S	70						x			x				x	x		x							x	x		
Plumas-Eureka State Park . . . . .	127S	2, 290	S	x				x			x	x	x		x	x		x	x	x	x	x	x	x	x	x	x	
Tahoe State Park . . . . .	131S	13	L	A				x			x				x	x	x	x	x		x	x	x	x				
D. L. Bliss State Park (5) . . . . .	133S	1, 237	L	A				x			x				x	x	x	x	x		x	x	x	x		x		
Emerald Bay State Park . . . . .	134S	590	L	A											x	x	x	x			x	x	x	x		x		
Grover Hot Springs State Park (5) . . . . .	136S	440						x			x				x	x		x	x	x	x	x	x	x		x		
Calaveras Big Trees State Park (5) . . . . .	149S	5, 437						x			x				x		x	x	x		x		x	x		x	x	
Franks Tract State Park . . . . .	171S	2, 755				x						x			x	x	x	x			x	x	x		x			
Bothe-Napa Valley State Park (5) . . . . .	182S	1, 002	S		A						x				x	x		x	x	x	x		x					
R. L. Stevenson Memorial State Park . . . . .	186S	396						x			x				x	x		x								x		
Maillard Redwoods State Park . . . . .	189S	242						x			x				x	x		x	x							x		
Armstrong Redwoods State Park . . . . .	196S	440						x			x				x	x		x	x		x	x				x		
Sonoma Coast State Park (5) . . . . .	197S	697						x							x	x		x	x		x		x	x				
Tomaes Bay State Park . . . . .	199S	978						x							x	x	x	x	x	x	x	x	x	x		x		
Samuel P. Taylor State Park . . . . .	201S	2, 332						x			x	x			x	x		x	x	x	x		x	x		x		
Mount Tamalpais State Park (5) . . . . .	202S	1, 366						x			x	x			x	x		x	x	x	x				x			
Portola State Park . . . . .	218S	1, 665						x			x	x			x	x		x	x	x	x		x	x		x		
Butano State Park . . . . .	219S	1, 955				x		x			x	x			x	x		x	x	x	x					x		
Big Basin Redwoods State Park (5) . . . . .	220S	11, 033						x			x				x	x		x	x	x	x		x	x		x		
Henry Cowell Redwoods State Park . . . . .	224S	1, 737						x			x	x			x	x		x	x	x	x		x	x		x		
Henry W. Coe State Park . . . . .	227S	12, 161						x			x	x			x	x		x	x	x	x		x			x		
Mount Diablo State Park (5) . . . . .	232S	2, 167						x			x	x			x			x	x	x	x		x	x		x		
Asilomar Beach State Park . . . . .	287S	96						x							x	x	x	x										
Pfeiffer-Big Sur State Park . . . . .	297S	815				x		x			x				x	x		x	x	x	x		x	x		x		
John Little State Park . . . . .	298S	21						x							x			x										
Joshua Trees State Park (5) . . . . .	347S	1, 195									x				x	x		x	x	x	x					x		
Lake Elsinore State Park (5) . . . . .	402S	2, 954	L	A											x	x		x	x									
Anza Borrego Desert State Park (5) . . . . .	420S	469, 908									x	x			x	x		x	x	x	x					x		
Palomar Mountain State Park (5) . . . . .	414S	1, 726						x			x				x	x		x	x	x					x	x		
Cuyamaca Rancho State Park . . . . .	433S	20, 735	L		x	x		x			x	x			x	x		x	x	x	x				x	x		
Recreation areas:																												
Punta Gorda . . . . .	89S	23						x				x			x			x							x			
Lake Mendocino Public Fishing Area . . . . .	107S	692	2, 000	A				x			x				x	x		x	x		x	x	x	x				
Clear Lake State Park (5) . . . . .	110S	560	25, 800	A											x	x		x	x	x		x	x					
Black Butte Reservoir . . . . .	112S	6, 000	4, 600	A											x	x		x	x	x	x	x	x	x				
Colusa-Sacramento River State Park . . . . .	119S	67				x									x			x	x			x	x	x				
Curry-Bidwell Bar State Park . . . . .	122S	21				x					x				x			x					x	x				
Squaw Valley State Park . . . . .	130S	1, 000						x			x				x	x		x	x	x				x			x	
Topaz Lake . . . . .	137S	200	1, 000	A				x			x	x			x			x				x	x	x				
Finnon Reservoir . . . . .	152S	121	35		x			x			x				x			x						x				
Folsom-Nimbus Lake State Park . . . . .	166S	17, 264	10, 209		x										x			x					x	x				
Brannan Island State Park . . . . .	170S	224				x						x			x	x		x			x	x	x	x				
Angel Island State Park (5) . . . . .	205S	221						x				x			x			x	x			x	x	x				
Caswell Memorial State Park . . . . .	233S	258						x					x		x			x				x	x			x		
Modesto Reservoir . . . . .	234S	150	3, 800	A											x			x					x	x				
George J. Hatfield State Park . . . . .	235S	47				x									x			x					x	x				
McConnell State Park . . . . .	236S	74				x									x			x					x	x				
Fremont Ford State Park . . . . .	237S	114				x									x			x						x				

See footnotes at end of table.

CALIFORNIA	Number on map	Acreage		Significant features										Type of use			Activities											
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EXISTING AREAS—Continued																												
STATE—Continued																												
Recreation areas—Continued																												
Turlock Lake State Park.....	242S	228	3, 200	A										x	x			x		x	x	x	x					
Tulloch Reservoir.....	245S	62	1, 265	A							x			x									x					
Success Reservoir.....	267S	1, 311	2, 450	A						x				x	x			x	x	x	x	x	x					
Terminus Reservoir.....	268S	57	1, 945	A										x	x			x	x	x	x	x	x					
Millerton Lake State Park (5).....	271S	6, 551	4, 900	x										x	x			x		x	x	x	x					
Madera Lake.....	272S	1, 100	370	x										x	x			x		x	x		x					
San Joaquin River.....	273S	224			x						x			x	x			x		x	x	x	x					
Fremont Peak State Park.....	279S	244								x				x	x			x		x								
Morro Strand Beach State Park.....	308S	32				x								x				x				x	x					
Morro Bay State Park (5).....	309S	1, 477				x								x	x	x	x	x		x	x	x	x					
Kern River State Park.....	320S	1, 327			x									x							x	x	x					
Isabella Reservoir.....	321S	15, 700	11, 300	x										x	x			x	x		x	x		x				
Puddingstone Reservoir State Park.....	342S	1, 199	200	x										x					x		x	x	x					
Placerita Canyon State Park.....	350S	342			x					x		x		x				x										
Salton Sea State Park (5).....	423S	16, 364	L	x						x				x	x	x	x	x	x	x	x	x	x					
Colorado River (5).....	429S	163			x					x				x	x	x	x	x		x		x	x					
Sweetwater Reservoir.....	434S	1, 500	1, 200	x										x	x			x	x	x	x		x	x				
Mission Bay State Park.....	436S	62				x								x							x	x	x					
Monuments:																												
Scientific: Mitchell Caverns State Park (5).....	334S	83								x				x	x			x	x		x							
Historic:																												
William B. Ide Abode State Historic Monu- ment.....	63S	1											x		x			x										
Shasta State Historic Monument.....	67S	6											x		x			x										
Weaverville Joss House State Historic Monu- ment.....	71S	3											x		x			x										
Fort Humboldt State Historic Monument.....	84S	12											x		x			x										
Donner Memorial State Park (4) (5).....	129S	353	S A				x			x		x		x				x	x		x	x	x			x		
Columbia Historic State Park (4) (5).....	147S	232								x		x		x				x	x			x						
Marshall Gold Discovery (4).....	153S	137				x		x		x		x						x	x		x		x					
Sutter's Fort State Historic Monument (4).....	159S	6											x		x			x										
Petaluma Adobe State Historic Monument.....	178S	5											x		x													
Sonoma State Historical Monuments.....	179S																											
Sonoma Mission State Historic Monu- ment.....		6											x		x			x										
Vallejo Home Historic Monument.....		25											x		x				x									
Jack London Home State Historic Monu- ment.....	180S	40											x		x													
Fort Ross State Historic Monument (4).....	195S	3					x						x		x			x										
Los Coches Rancho.....	278S	8											x		x													
San Juan Bautista (5).....	280S	4											x															
Santa Cruz Mission State Historic Monu- ment.....	282S	1											x		x			x										
Monterey State Historical Monuments.....	288S																											
California's First Theatre Historic Monu- ment (6).....													x		x			x										
Casa Del Oro Historic Monument (6).....													x		x			x										
Gutierrez Abode Historic Monument (6).....													x		x			x										
Junipero Serra Landing Place Historic Monument.....		1											x		x			x										
Old Custom House Historic Monument (4).....		2											x		x			x										
Pacific Building Historic Monument (6).....													x		x			x										

See footnotes at end of table.



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		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Monuments—Continued																												
Historic—Continued																												
Monterey State Historical Monuments—Con.																												
Soberanes Abode Historic Monument (6)													x		x			x										
Stevenson House Historic Monument (6)													x		x			x										
Thomas Oliver Larkin State Historic Monument (4) (6)													x		x			x										
Hearst San Simeon State Historic Monument	303S	149											x		x			x										
Los Angeles State Historic Monuments	352S																											
Los Encenios State Historic Monument		5											x		x			x										
Lummis Home State Historic Monument		2											x		x			x										
Pio Pico State Historic Monument		1											x		x			x										
Pueblo de Los Angeles State Historic Monument		5											x		x			x										
Will Rogers State Park	353S	187											x															
Fort Tejon State Historic Monument	356S	205								x			x															
La Purisima Mission	360S	966											x		x			x	x									
San Pasqual Battlefield	412S	1											x		x			x										
Montgomery Memorial State Park	440S	29											x		x			x										
Nature preserves:																												
Azalea Reserve State Park	85S	30											x		x			x		x							x	
Kruse Rhododendron Reserve State Park	193S	317											x		x			x		x							x	
Knowland Arboretum State Park	230S	470											x		x			x		x							x	
Point Lobos Reserve State Park	291S	356											x		x			x		x				x	x		x	
Los Angeles Arboretum State Park	351S	238											x		x			x		x							x	
Torrey Pines Beach State Park (5)	435S	877											x		x			x						x	x		x	
Wilderness: Mount San Jacinto State Park (5)	417S	12,708																x	x					x	x			
Beaches:																												
Little River Beach State Park	16S	112																x	x	x	x						x	
Westport-Union Landing Beach State Park	92S	32																x		x	x						x	
MacKerricher Beach State Park	95S	264																x		x	x	x					x	x
Van Damme Beach State Park	101S	1,826																x	x	x	x	x	x				x	x
Benicia Beach State Park (5)	176S	128																x		x	x	x					x	x
Manchester Beach State Park	190S	261																x		x	x	x					x	
Stinson Beach State Park	204S	38																x		x	x	x					x	
San Francisco Beaches	207S																											
Bakers Beach State Park		1																x		x	x	x					x	
James D. Phelan Beach State Park		6																x		x	x						x	
Seal Rocks Beach State Park		17																x		x	x						x	
Montara Beach State Park	210S	13																x		x	x						x	
San Mateo Beaches (5)	213S																											
Arroyo de las Frijoles		34																x		x	x						x	x
Half Moon Bay Beach		63																x		x	x						x	
McGrath Beach		245																x		x	x						x	x
Pebble Beach State Park		2																x		x	x						x	
Pescadero Beach State Park		27																x		x	x						x	
Pomponio Beach		40																x		x	x	x					x	x
San Gregorio Beach State Park		47																x		x	x						x	
Sharp Park Beach State Park		7																x		x	x							
Thornton Beach State Park		50																x		x	x						x	
Ana Nuevo Beach State Park	223S	91																x		x	x						x	x

See footnotes at end of table.

CALIFORNIA	Number on map	Acreage		Significant features										Type of use				Activities										
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Beaches—Continued																												
Santa Cruz Beaches (5).....	283S																											
Capitola Beach State Park.....		6					x								x		x	x	x				x	x				
Manresa Beach State Park.....		21					x								x		x	x	x				x	x				
Natural Bridges Beach State Park.....		47					x								x		x	x	x				x	x				
New Brighton Beach State Park.....		63					x								x	x	x	x	x		x		x	x				
Seacliff Beach State Park.....		82					x								x	x	x	x	x		x		x	x				
Sunset Beach State Park.....		178					x								x	x	x	x	x		x		x					
Twin Lakes Beach State Park.....		110					x								x		x	x				x	x					
Zmudowski Beach State Park.....		144					x								x		x	x	x				x	x				
Salinas River Beach (5).....	284S	90				x	x								x		x	x	x				x	x		x		
Monterey Beach State Park.....	286S	8					x								x		x	x					x	x				
Carmel River Beach State Park.....	290S	106					x								x		x	x	x				x	x				
San Simeon Beach State Park (5).....	304S	74					x								x		x	x	x				x	x				
Cayucos Beach State Park.....	307S	16					x								x		x	x					x	x				
Avila Beach State Park.....	311S	10					x								x		x	x					x	x				
Pismo Beach State Park.....	312S	643					x								x	x	x	x			x		x	x				
Point Sal Beach State Park.....	359S	49					x								x	x	x	x			x		x	x				
Gaviota Beach State Park (5).....	362S	9					x								x	x	x	x	x		x	x	x	x				
Refugio Beach State Park.....	363S	36					x								x	x	x	x	x		x		x	x				
El Capitan Beach State Park.....	366S	111					x								x	x	x	x	x		x		x	x				
Goleta Beach State Park.....	367S	23					x								x		x	x					x	x				
Arroyo Burro Beach State Park.....	369S	6					x								x		x	x	x			x	x	x				
Carpinteria Beach State Park.....	370S	36					x								x	x	x	x	x		x	x	x	x				
Emma K. Wood Memorial Beach State Park (5).....	372S	16					x								x	x	x	x	x		x		x	x				
San Buenaventura Beach State Park.....	373S	116					x								x		x	x				x	x	x				
Los Angeles County Beaches (5)																												
Leo Carrillo Beach State Park.....	379S	1,578					x								x	x	x	x	x		x		x	x				
Point Dumes Beach State Park.....	381S	17					x								x		x	x					x	x				
Las Tunas Beach State Park.....	382S	2					x								x		x	x					x	x				
Malibu Lagoon Beach State Park.....	382S	38					x								x		x	x					x	x				
Will Rogers Beach State Park.....	383S	66					x								x		x	x					x	x				
Dockweiler Beach State Park.....	384S	91					x								x		x	x					x	x				
Manhattan Beach State Park.....	384S	44					x								x		x	x					x	x				
Redondo Beach State Park.....	384S	26					x								x		x	x	x				x	x				
Santa Monica Beach State Park.....	384S	38					x								x		x	x					x	x				
Royal Palms Beach.....	385S	18					x								x		x	x										
Alamitos Beach State Park.....	386S	91					x								x		x	x				x	x	x				
Bolsa Chica Beach State Park.....	388S	450					x								x		x	x	x				x	x				
Huntington Beach State Park.....	390S	78					x								x		x	x					x	x				
Corona del Mar Beach.....	391S	30					x								x		x	x					x	x				
Doheny Beach State Park.....	396S	62					x								x		x	x	x		x		x	x				
San Clemente Beach State Park.....	398S	109					x								x	x	x	x	x	x	x	x	x	x				
San Diego Beaches.....	409S																											
Cardiff Beach State Park.....		10					x								x		x	x	x				x	x				
Carlsbad Beach State Park.....		10					x								x		x	x	x				x	x				
La Costa Beach State Park.....		14					x								x	x	x	x			x		x	x				
Moonlight Beach State Park.....		11					x								x		x	x					x	x				
Ponta Beach State Park.....		11					x								x		x	x					x	x				
San Elijo Beach State Park.....		37					x								x		x	x					x	x				
Ocean Beach State Park.....	437S	3					x								x		x	x					x	x				
Silver Strand Beach State Park.....	439S	428					x								x		x	x	x				x	x	x			
Forest: Jackson State Forest.....	96S	52,042						x		x					x	x			x	x	x			x	x			
Foot trail: California Hiking and Riding Trail (5).....	23S	750 mi.					x	x		x	x			x	x	x			x	x	x					x	x	
See footnotes at end of table.																												

See footnotes at end of table.



CALIFORNIA		Number on map	Acreage		Significant features								Type of use			Activities													
			Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																													
MAJOR LOCAL																													
Parks:																													
San Meteo County Memorial Park.....	212L	313	2	x				x			x				x				x	x	x			x	x				
Santa Teresa Park.....	225L	350						x			x				x				x	x									
Tehachapi Mountain Park.....	322L	700								x	x				x	x		x	x	x	x								
Irvine Park.....	392L	186	650	A				x			x				x	x		x	x	x		x							
Recreation areas:																													
Lower Klamath Lake.....	34L	3, 674										x														x	x		
Keswick Reservoir.....	69L	1, 000	630		x			x			x				x				x						x				
Mendocino Lake Coyote.....	108L	2, 392	960		x			x			x				x	x		x	x	x	x	x	x	x					
Stony Gorge.....	113L	1, 280	1, 275	A											x				x		x	x	x	x					
East Park Reservoir.....	114L	600	1, 820	A											x	x				x	x	x	x						
Englebright Reservoir.....	124L	5	815	A				x			x	x			x				x	x		x	x	x	x				
Bridgeport Reservoir.....	141L	40	3, 000	A				x							x						x	x	x						
Pardee Reservoir.....	155L	300	2, 200	A											x						x	x		x					
Elk Grove Park.....	157L	38				x									x					x			x						
North Fork Reservoir.....	168L	1, 410	280	x											x					x		x	x						
Berryessa Lake.....	184L	2, 000	19, 300	A											x	x				x		x	x	x					
Junipero Serra County Park.....	209L	96						x			x				x	x		x	x	x									
Palo Alto Foothills Park.....	214L	500						x			x				x	x		x	x	x									
Stevens Creek County Park.....	215L	400	95	x											x				x	x		x	x						
Sunnyvale Mountain Park.....	216L	250						x			x				x					x	x								
Anderson Reservoir.....	226L	40	1, 600	A																x		x	x	x					
Redwood Regional Park.....	231L	2, 074						x				x			x				x	x	x								
Don Pedro Reservoir.....	244L	4, 200	3, 200	x											x							x		x					
Cutler Park.....	269L	60			A			x							x				x	x	x		x						
Santa Margarita Lake.....	314L	1, 068	720	x											x	x		x	x	x	x	x	x		x				
Sepulveda Reservoir.....	354L	2, 875	2, 140	A											x	x				x		x			x				
Cachuma Lake.....	364L	300	3, 250	A											x	x				x					x				
Casitas Lake.....	371L	1, 800	5, 700	A											x	x				x		x			x				
Whittier Narrows Reservoir.....	387L	1, 161	66	x											x				x	x	x				x				
O'Neil Park.....	395L	268						x							x				x	x	x								
Hodges Lake.....	411L	1, 627	1, 317	x											x	x			x	x	x	x	x	x					
Beach: Cambria County Beach.....	306L	2						x							x	x		x	x						x				
MAJOR QUASI-PUBLIC AND PRIVATE																													
Recreation areas:																													
Shelter Cove.....	191P	60						x				x			x	x				x				x					
17 Mile Drive.....	289P	17 mi.						x							x	x		x	x					x				x	
POTENTIAL AREAS																													
NATIONAL																													
Park: Coast Redwoods (3).....	5N	45, 000						x	x			x			x	x		x	x	x	x	x					x		
Seashores:																													
Point Reyes.....	200N	53, 000						x	x			x	x	x	x	x		x	x	x	x	x	x	x	x	x	x		
Channel Islands.....	377N	330, 000						x				x	x	x	x	x				x	x	x	x				x		
Recreation area: Whiskeytown Reservoir.....	66N	37, 000	17, 470	x				x			x				x	x		x	x	x	x	x	x	x			x		
Monument: Historic: Old Mint (3) (4).....	208N	2													x														
STATE																													
Parks:																													
Ten Mile River.....	98S	60						x	x	x		x			x	x				x		x			x				
Mendocino Coast.....	102S	500						x	x	x	x				x	x		x	x	x	x	x				x	x		
Mount St. Helena.....	187S	8, 900						x			x				x	x		x	x	x	x	x							
Korbel Property.....	194S	650						x		x		x			x	x		x	x	x	x	x	x	x					
See footnotes at end of table.																													

CALIFORNIA	Number on map	Acreage		Significant features									Type of use				Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Parks—Continued																												
Golden Gate Project.....	206S	4,000					x					x			x	x	x	x	x	x	x	x	x	x		x		
Alabama Hills.....	263S	23,746										x	x	x	x	x	x	x	x	x	x	x	x	x				
San Simeon Coast.....	305S	1,875					x					x			x	x	x	x	x	x	x					x		
Cima Dome.....	329S	28,000								x		x	x	x	x	x	x	x		x	x	x	x	x				
Topcock Gorge.....	330S	20,294					x				x				x	x	x	x		x	x	x	x	x				x
Point Conception.....	361S	1,000					x	x			x	x			x	x	x	x	x	x	x	x	x	x				
Dana Point.....	397S	200					x				x				x	x		x	x		x							
Imperial.....	430S	2,000					x			x	x			x	x	x	x	x	x	x	x	x	x	x	x			
Recreation areas:																												
Siskiyou.....	26S	1,500				x		x			x	x			x	x	x			x	x	x	x	x		x		
Eagle Lake Campground.....	53S	1,200		L	A										x	x			x	x	x	x	x					
Red Bank Creek Project.....	64S	400				x		x			x				x	x		x	x		x	x	x	x				
Trinity River Complex.....	72S					x		x			x	x			x	x	x	x	x	x	x	x	x	x	x	x		
Brown's Creek.....		12																										
Douglas City Nos. 1, 2, 3.....		940																										
Junction City.....		58																										
Upper Indian Creek.....		80																										
Upper Reading Creek.....		40																										
Weaver Creek.....		25																										
Reading Creek.....		10																										
Bull Creek.....	82S	19,000				x		x			x				x	x		x	x	x	x	x	x	x				
Humboldt Lagoon.....	87S	405					x				x						x				x				x	x		
Sacramento River Recreation Area.....	117S					x					x				x	x			x		x	x		x				
Malakoff Diggings.....	125S	7,600	100	x							x	x	x	x	x	x		x	x	x	x	x	x					
Snodgrass Slough.....	158S	2,000				x									x							x				x		
Dos Rios (3).....	161S	275				x									x	x			x	x	x	x	x	x				
Cherry Island (3).....	162S	1,500				x									x			x	x					x				
Deterding-McDonnell (3).....	164S	400				x							x		x	x		x	x	x		x	x	x				
Bethel Island.....	172S	600				x					x				x				x		x	x		x				
Delta Meadows.....	173S	1,500				x		x							x						x	x	x	x		x		
Sugarloaf Ridge.....	181S	3,200				x		x			x				x	x	x		x	x	x	x		x	x			
Mariposa Caves.....	248S	500													x	x	x		x	x	x							
Little Sur River Project.....	293S	780					x	x			x				x	x		x	x		x			x				
San Carpojo Creek.....	310S	500				x	x	x			x																	
Arroyo de la Cruz (3).....	302S	40				x									x	x		x	x		x							
Kennedy Meadows (3).....	324S	70,000						x			x	x			x	x		x	x		x			x	x			
Black Opal Canyon.....	326S	20,000								x			x	x	x			x	x	x	x							
Whipple Mountains.....	332S	29,000		L	x					x	x				x	x	x	x				x	x	x	x			
Providence Mountains.....	335S	29,000								x	x				x	x	x		x	x	x	x				x		
Kelso Sand Dunes (3).....	336S	12,800								x					x	x		x	x	x							x	
San Bernardino Mountains.....	340S	1,000								x	x				x	x			x	x	x							
Santa Felicia Reservoir (3).....	349S	600		M	x			x			x				x			x				x		x				
Point Sal to Pismo.....	358S	7,500					x								x	x		x	x		x				x			
Prado Basin (3).....	393S	8,500					x								x	x	x		x	x	x	x	x	x				
Perris Reservoir (3).....	403S	900		M	x										x	x		x	x	x	x							
Temecula Hills.....	406S	1,500						x			x				x	x					x							
Quien Sabe.....	428S	9,350				x				x					x	x	x	x	x	x	x	x	x	x				
Imperial Sand Hills Project.....	431S	60,000								x		x	x	x	x	x		x	x	x	x					x		
Monuments:																												
Scientific:																												
Little River (3).....	15S	30											x		x			x										
Fish Slough (3).....	257S	79,000											x	x	x			x										
Pinnacles (San Bernardino County) (3).....	325S	2,500								x			x	x	x			x										
Giant Desert Figures (3).....	427S	640								x			x	x				x										

See footnotes at end of table.



CALIFORNIA	Number on map	Acreage		Significant features									Type of use			Activities												
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POTENTIAL AREAS—Continued																												
STATE—Continued																												
Monuments—Continued																												
Historic:																												
Bodie (3).....	142S	11, 375										x		x	x		x											
Indian Grinding Rocks.....	154S	892										x																
Old Sacramento (4).....	160S	6										x		x														
John Swett Ranch (3).....	175S	100										x						x										
Bodega Head Beach (3).....	198S	200										x						x										
Warner Ranch (4).....	418S	4, 000										x						x										
Oak Grove Butterfield Station (4).....	419S	60										x						x										
Nature preserves:																												
Angelo Beach Project (3).....	93S	6, 500					x			x					x					x	x							x
Petrified Forest.....	188S	615											x	x			x											
Aptos Forest.....	281S	9, 500					x			x				x			x	x										
Upper Newport Bay (3).....	389S	570					x			x				x			x	x								x		
Santa Ana River Canyon (3).....	394S	900				x					x			x			x	x							x			
San Mateo Creek Outfall (3).....	400S	600				x	x			x	x			x			x	x							x			
Buena Vista Lagoon (3).....	407S	300					x				x			x			x	x							x			
Batiquitos Lagoon (3).....	408S	800					x				x			x			x	x							x			
San Elijo Lagoon (3).....	410S	530					x				x			x			x	x							x			
Travertine Palms.....	424S	640							x				x	x	x		x	x							x			
Beal's Well (3).....	426S	40							x					x			x	x							x			
Beaches:																												
Pelican Bay Beach (3).....	2S	2, 000				A	x	x		x	x			x		x	x	x						x			x	
Shell Beach (3).....	2S	900					x	x		x				x		x	x	x						x				
Gold Bluff.....	7S	700					x	x		x				x		x	x	x			x			x				
The Lagoons Beach.....	10S	2, 480					x	x		x				x		x	x	x			x			x				
Elk Head Beach.....	13S	1, 520					x	x		x				x		x	x	x			x			x				
Mad River Beach and Slough (3).....	86S	1, 800					x	x	x		x	x		x		x	x	x			x			x				
Mendocino Coast Beaches (3).....	88S	1, 696					x	x	x		x			x		x	x	x			x	x		x				
Ten Mile River Beach (3).....	94S	2, 120						x	x		x			x		x	x	x			x			x				
Erhman Estate.....	132S	275						x	x		x			x		x	x	x				x	x					
Salt Point.....	192S	1, 000						x						x		x	x	x			x			x				
Miramontes Beach.....	211S	651						x						x		x	x	x						x				
Franklin Point Beach (3).....	221S	600						x			x			x		x	x	x			x			x				
Waddell Canyon Beach.....	222S	1, 660						x	x		x			x		x	x	x			x	x		x				
Moss Landing Beach (3).....	285S	2, 500						x	x		x			x		x	x	x			x	x	x	x		x		
Soberanes Point Beach (3).....	292S	400						x						x		x	x	x				x		x				
Big Sur Coast.....	294S	5, 160						x						x		x	x	x			x		x	x				
Ragged Point Beach (3).....	300S	150						x			x			x		x	x	x				x	x					
Oso Flaco Lake Beach.....	313S	1, 450	130	x				x			x			x		x	x	x						x		x		
Elwood Beach.....	365S	435						x			x			x		x	x	x				x	x					
Santa Clara Dunes Beach (3).....	374S	1, 200						x			x			x		x	x	x			x		x	x				
Hueneme Beach (3).....	375S	870						x			x			x		x	x	x				x	x					
Sycamore Canyon Beach (3).....	378S	80						x			x			x		x	x	x				x	x					
Trancas Canyon.....	380S	650						x						x		x	x	x				x		x				
South San Clemente.....	399S	250						x						x		x	x	x				x		x				
Imperial Beach (3).....	441S	800						x						x		x	x	x						x				
Scenic roads:																												
State Highway No. 1.....	9S	600 mi.						x	x		x			x		x	x	x										
State Highway No. 44.....	60S	45 mi.									x			x		x	x											
State Highway No. 36.....	62S	40 mi.							x		x			x		x	x											
U.S. Highway No. 299.....	73S	60 mi.							x		x			x		x	x	x										
State No. 49.....	121S	270 mi.							x		x		x		x		x	x										
U.S. Highway No. 40.....	124S	69 mi.							x		x		x		x		x	x										

See footnotes at end of table.

[illegible]



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		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
LOCAL—Continued																												
Recreation areas—Continued																												
Farmington Reservoir . . . . .	246L	600	M	A											x	x			x		x	x	x	x				
Lower Buck Lake . . . . .	247L	200	1, 827	A											x	x			x		x	x						
Tinnemaha Creek . . . . .	251L	2, 500					x				x				x										x			
Mono Lake . . . . .	255L	700	L	A						x					x	x		x	x		x	x						
Taboose Creek . . . . .	258L	3, 000					x				x																	
Saw Mill Creek . . . . .	259L	1, 500				x								x	x	x		x	x		x			x				
Carroll Creek . . . . .	261L	1, 000				x									x	x		x		x				x				
Lone Pine Creek . . . . .	262L	5, 000				x					x				x	x		x	x		x			x				
Buena Vista . . . . .	318L	300	L	A						x					x			x		x		x		x				
Red Rock Canyon Area . . . . .	323L	640									x			x	x			x	x									
Afton Canyon . . . . .	327L	10, 000			x						x	x	x	x	x	x		x	x	x								
Quartz Hill Regional Park . . . . .	343L	1, 000								x	x				x	x			x	x	x							
Fairmont Reservoir . . . . .	348L	220	172	x											x				x			x		x				
Chatsworth Reservoir . . . . .	355L	1, 260	607	x											x			x	x			x		x				
Lake Matthews . . . . .	405L	400	M	A						x	x				x	x			x		x	x	x	x				
Vail Reservoir . . . . .	413L	120	M	A						x	x				x				x			x	x					
Monument: Scientific: Napinthe Springs . . . . .	299L	5				x					x	x	x	x	x				x									
Beaches:																												
Mendocino City Beach . . . . .	99L	400				x					x				x	x	x	x	x					x				
Surfriders Beach . . . . .	368L	3				x									x				x				x	x				

- (1) Where acreage not shown  
  "S" indicates water surface under 500 acres.  
  "M" indicates water surface of 500 to 10,000 acres.  
  "L" indicates water surface over 10,000 acres.
- (2) An "A" indicates all or major portions of water surface acreage is adjacent to area.
- (3) Suggested area—qualifications not wholly determined. Further study required.
- (4) Eligible for Registered National Historic Landmark status.
- (5) Major additions recommended.
- (6) Less than 1 acre.

BLM=Bureau of Land Management.

OREGON

# CALIFORNIA

0 25 50 75  
SCALE IN MILES

PACIFIC OCEAN

NEVADA

ARIZONA

MEXICO

Existing Potential

- Park
- Recreation Area, Etc.
- Monument
- Nature Preserve
- Wilderness
- Beach
- Wildlife Area
- Forest
- Foot Trail
- Horse Trail
- Bicycle Trail
- Canoe Trail
- Scenic Route
- Free-flowing Stream

NATIONAL PARK

NATIONAL FOREST

N





# COLORADO

**C**OLORADO, with numerous 14,000-foot peaks of the Rocky Mountains and a mean elevation of 6,800 feet, is a popular State for summer vacations and winter sports.

The State population increased 32 percent in the 1950-60 decade to 1,753,947, and projections indicate it will reach 2,580,000 by 1976. The Denver metropolitan area has 46 percent of the State population. The statewide density is 17 per square mile, with a wide range from less than 1 person per square mile in 3 counties to 7,483 persons per square mile in Denver County.

Tourist expenditures were an estimated \$390 million in 1960. Tourism is facilitated by excellent rail and air service to the State from other parts of the country.

The Rocky Mountains are Colorado's prime outdoor recreation resource. Within its many scenic, forested mountain ranges are natural lakes, streams, scenic peaks and canyons, and other geological formations. Big game hunting is extensive in the mountains, and upland game and waterfowl plentiful on the eastern plains section.

There are many important historic and archeologic sites within the State, including fur trading post sites, ghost towns from the early mining era, and Indian cliff dwellings. Ten sites possess exceptional value in commemorating the history of the United States and are eligible for Registered National Historic Landmark status.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers two national parks, six national monuments, one national recreation area, and one national historic site

project. They total 526,412 acres and had an attendance of 2,951,000 in 1960. There are 12 national forests with a total of 13,710,311 acres administered by the Forest Service. Within the forests are 470 developed recreation sites on 6,200 acres and 11 wilderness areas containing 797,410 acres. The Bureau of Sport Fisheries and Wildlife manages one 12,401-acre national wildlife refuge. The Bureau of Land Management administers 8,245,000 acres of public domain land.

**STATE:** The State Park and Recreation Department manages 12,267 acres in 8 parks and recreation areas that had an attendance of 34,400 in 1960. The Department of Game and Fish has 78 areas that include 133,730 acres it owns or administers and 15,715 acres of water where land is administered by another agency. There is 1 State forest of 72,000 acres under the State Land Board. The State Historical Society has 6 historic sites, totaling 1,129 acres and having an attendance of 307,093 in 1960.

**LOCAL:** There are 49 major county and nonurban city parks amounting to a total of 38,557 acres.

**PRIVATE ENTERPRISE:** Numerous private lodges, winter sports facilities, boat marinas, cabins, resorts, and campgrounds are provided by private enterprise throughout the mountain regions of the State. Major resort centers include Estes Park, Aspen, Glenwood Springs, Colorado Springs, and Central City.

## PARK AND RELATED NEEDS

Colorado possesses ample public lands available for outdoor recreation, but has the problem common to



many Western States of needing park and recreation areas to serve its metropolitan centers and to provide a balanced system of parks, recreation areas, nature preserves, historic and archeological areas, scenic routes, and protection of free-flowing streams. The 38,017 acres in areas recommended or suggested for addition to the State park system and the 3,850 acres of potential local recreation lands should help meet these needs.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map, and the following recommendations are made

to assist in providing needed outdoor recreation opportunities in Colorado.

**NATIONAL:** Further consideration of the Florissant Fossil Shale Beds, the Lindenmeier Archeologic Site, and the Durango-Silverton Narrow Gauge Railroad for national monument status.

**STATE:** Expansion of the State park system to protect valuable resources and provide recreation opportunities by the addition of 15 parks, 10 recreation areas, and 2 historic monuments, and further studies on 8 parks, 12 recreation areas, and 3 historic monuments. Designate and protect 27 scenic roads, 8 free-flowing streams, and 2 canoe trails with further study on 8 canoe trails.

**LOCAL:** Establishment of 4 major local park and recreation areas, and study of 4 more.



The spectacular Roxborough Park area in Colorado is suitable for inclusion in the State park system.



Supporting recommendations include—

1. Expansion of the State highway wayside program to give better distribution throughout the State in relation to major travel routes.
2. Provision for a highway marker system for historic and geologic sites.
3. Consideration of making fuller recreation use of water supply reservoirs.
4. Transfer of administration of recreation facilities in certain areas now administered by the State

Department of Game and Fish to the State Park and Recreation Department.

5. Establishment of county park systems or recreation districts where needed, and development of out-of-city parks near the cities along the base of the front range.
6. Preserving through zoning, acquisition of development rights, or other means, the condition and atmosphere of one or more of the old mining towns such as Georgetown, Cripple Creek, Ouray, Silverton, or Telluride, and of an old Spanish village such as San Luis.



Lake San Cristobal, proposed as a State park for Colorado.



COLORADO		Number on map	Acreage		Significant features									Type of use			Activities												
			Total land and water within area	Water surface	Lake	Reservoir (7)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																													
FEDERAL																													
Parks:																													
Rocky Mountain National Park (4).....		22N	256, 469	150	x		x		x			x	x		x	x	x	x	x	x	x			x		x	x	x	
Mesa Verde National Park.....		159N	51, 018						x				x	x	x		x	x	x	x	x								
Recreation areas:																													
Shadow Mountain National Recreation Area...		19N	15, 540	12, 000		x	x		x			x	x		x	x	x	x	x	x	x	x			x	x	x		
John Martin Reservoir (4).....		133N	2, 000	19, 500		A										x		x		x		x	x	x	x	x			
Monuments:																													
Scientific:																													
Dinosaur National Monument (Colorado portion).....		1N	137, 244				x					x	x	x	x		x	x	x	x	x	x			x		x		
Colorado National Monument.....		97N	17, 606										x	x	x	x			x	x	x							x	
Black Canyon of the Gunnison National Monument (4).....		105N	13, 034				x					x	x	x		x	x		x	x	x			x		x		x	
Great Sand Dunes National Monument.....		139N	34, 980							x	x	x	x	x	x	x			x	x	x					x		x	
Historic:																													
Hovenweep National Monument (Colorado portion).....		155N	345							x		x	x				x	x	x										
Yucca House National Monument (6).....		158N	10							x			x																
Forests:																													
White River National Forest.....		7N	1, 960, 714			x			x			x	x		x	x	x		x	x	x	x			x	x	x	x	
Routt National Forest.....		9N	1, 144, 792			x			x			x	x		x	x	x		x	x	x	x			x	x	x	x	
Arapaho National Forest.....		12N	984, 489			x	x	x		x		x	x			x	x		x	x	x	x			x	x	x		
Roosevelt National Forest.....		24N	776, 882			x	x		x			x	x		x	x	x		x	x	x	x			x	x	x	x	
Pike National Forest.....		67N	1, 084, 873				x	x		x		x	x			x	x		x	x	x	x			x	x	x	x	
Grand Mesa National Forest.....		90N	360, 963			x		x	x							x	x		x	x	x	x			x	x	x		
Manti-LaSal (Colorado Portion).....		100N	26, 631						x			x					x		x	x	x			x	x	x		x	
Uncompahgre National Forest.....		101N	957, 004						x			x	x		x	x	x		x	x	x	x				x	x	x	
Gunnison National Forest.....		116N	1, 660, 147				x	x		x						x	x		x	x	x	x			x		x		
San Isabel National Forest.....		118N	1, 103, 859			x	x		x			x	x		x	x	x		x	x	x	x				x	x	x	
Rio Grande National Forest.....		124N	1, 800, 322				x	x		x				x	x	x	x		x	x	x	x			x		x		
San Juan National Forest.....		153N	1, 849, 635				x		x			x	x		x	x	x	x	x	x	x	x			x		x	x	
Wilderness (acreage included in national forests listed above):																													
Flat Tops.....		8N	(117, 800)						x			x	x								x	x				x		x	
Mount Zirkel-Dome Peak.....		10N	(53, 400)				x					x	x								x	x				x		x	
Rawah.....		18N	(26, 597)						x			x	x								x	x				x		x	
Gore Range-Eagle Nest.....		75N	(61, 204)						x			x	x								x	x				x		x	
Maroon Bells-Snowmass.....		83N	(66, 100)						x			x	x								x	x				x		x	
West Elk.....		109N	(62, 000)						x			x	x								x	x				x		x	
Upper Rio Grande.....		142N	(56, 600)						x			x	x								x	x				x		x	
San Juan.....		143N	(238, 080)						x			x	x								x	x				x		x	
LaGarita-Sheep Mountain.....		145N	(38, 030)						x			x	x								x	x				x		x	
Uncompahgre.....		149N	(53, 252)						x			x	x								x	x				x		x	
Wilson Mountains.....		152N	(24, 347)						x			x	x								x	x				x		x	
Wildlife area: Monte Vista National Wildlife Refuge.....		141N	12, 401			x				x			x			x				x					x	x	x		
STATE																													
Parks:																													
Castlewood State Park (4).....		45S	87						x		x				x	x				x		x							
Golden Gate Canyon State Park (4).....		61S	680						x		x				x				x	x					x		x		

See footnotes at end of table.

COLORADO	Number on map	Acreage		Significant features								Type of use			Activities														
		Total land and water within area	Water surface	Lake	Reservoir (?)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS—Continued																													
STATE—Continued																													
Recreation areas:																													
Cherry Creek Reservoir State Recreation Area . .	46S	5,707	900	x											x				x			x	x	x					
Vega Reservoir State Recreation Area . . . . .	88S	1,808	908	x											x				x		x	x	x						
Sweitzer Lake State Recreation Area . . . . .	104S	365	165	x											x				x		x	x	x						
Antero Reservoir State Recreation Area (4) . . . .	120S	2,580	2,220	x											x				x		x	x	x						
Elevenmile Reservoir State Recreation Area . . . .	128S	100	3,400	A							x				x		x		x		x	x	x						
Martin-Horseshoe State Recreation Area (4) . . . .	137S	940	200	x											x				x		x	x	x	x					
Monuments: Historic:																													
Fort Vasquez State Historical Monument (4) . . . .	32S	1										x			x			x	x										
Georgetown Loop State Historical Monument . . . .	71S	100									x		x		x			x											
Healy House and Dexter Cabin State Historical Monument . . . . .	79S	1											x		x			x											
Ute Indian Museum State Historical Monument . . . .	103S	9											x		x			x	x										
Pike's Stockade State Historical Monument (5) . . . .	166S	978											x		x			x	x										
Fort Garland State Historical Monument . . . . .	167S	40						x				x			x			x	x										
MAJOR LOCAL																													
Parks:																													
Rocky Mountain Recreation District (3 areas) . . . .	21L	590	232	x				x			x				x				x	x		x	x						
Larimer County Recreation Board (4 areas) . . . . .	29L	6,540	3,200	x				x							x				x	x		x	x						
Fort Collins Mountain Park . . . . .	30L	94				x		x			x	x			x				x	x									
Loveland Mountain Parks (2 areas) . . . . .	31L	415				x		x			x	x			x				x	x									
Boulder Mountain Park . . . . .	60L	5,000						x			x	x		x	x				x	x	x					x			
Denver Mountain Parks (25 areas) . . . . .	63L	13,448				x		x			x	x	x	x	x			x	x	x				x		x	x		
City of Glenwood Springs (2 areas) . . . . .	87L	770						x			x				x				x	x									
Rifle Mountain Park . . . . .	92L	454						x			x	x			x				x	x									
City of Montrose-Buckhorn Lakes . . . . .	102L	640	60	x				x			x				x				x	x		x	x						
Cañon City-Royal Gorge, etc. (3 areas) . . . . .	127L	6,390				x		x							x	x			x	x	x					x			
City of Colorado Springs (4) (3 areas) . . . . .	129L	2,022						x			x	x			x	x			x	x									
Pueblo Mountain Park . . . . .	131L	644						x			x	x			x				x	x									
Hillcrest Park, Durango . . . . .	162L	550									x				x				x	x									
Monument Lake, City of Trinidad . . . . .	168L	1,000	640	x				x				x			x				x	x		x	x						
POTENTIAL AREAS																													
NATIONAL																													
Monuments:																													
Scientific: Florissant Fossil Shale Beds (2) . . . . .	66N	8,300										x		x				x											
Historic:																													
Bent's Old Fort National Historic Site Project (5) (3) . . . . .	132N	172											x		x				x										
Lindenmeier Archeologic Site (5) (2) . . . . .	26N	2,000							x				x						x										
Narrow Gauge Railroad (5) (2) . . . . .	151N	970											x						x	x									
STATE																													
Parks:																													
Blacktail Mountain . . . . .	11S	1,000				x		x			x				x				x		x								
Corral Creek (2) . . . . .	14S	1,000				x		x			x				x				x		x					x			
Colorado State Forest . . . . .	16S	1,000						x			x	x			x				x		x			x	x	x	x		
Virginia Dale . . . . .	25S	500											x						x	x									
Pinion Grove . . . . .	27S	200						x			x	x			x				x							x			
Platte River Valley (2) . . . . .	35S	500				x									x				x										
Chief Creek (2) . . . . .	36S	200	20	A				x							x				x		x	x		x					
Beecher Island . . . . .	37S	1,500				x							x		x				x										

See footnotes at end of table.



COLORADO

COLORADO	Number on map	Acreage		Significant features									Type of use			Activities															
		Total land and water within area	Water surface	Lake	Reservoir (7)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience			
POTENTIAL AREAS—Continued																															
STATE—Continued																															
Parks—Continued																															
Big Spring (2).....	39S	600							x				x		x				x								x				
Cedar Breaks.....	40S	500											x																		
Bijou Creek (2).....	41S	500							x				x																		
Black Forest.....	43S	600													x	x			x	x	x					x	x				
Roxborough.....	54S	800											x			x				x	x	x									
Bear Creek (2).....	64S	1,000							x			x	x			x				x				x		x					
Douglas Pass.....	95S	500							x						x											x		x			
Miracle Rock.....	99S	500													x	x										x		x			
Cebolla Creek.....	113S	800										x	x			x				x	x	x				x					
Trout Creek.....	119S	1,000										x	x			x									x						
Otero Canyon (2).....	136S	600													x	x				x	x	x									
Huerfano River.....	138S	300											x			x				x					x	x	x				
Lake San Cristobal.....	146S	385	100	x								x	x			x	x			x		x	x		x			x			
Four Corners Tribal (Colorado portion).....	157S	250											x	x			x	x	x	x	x	x				x					
Mesa de Maya (2).....	170S	2,000													x	x			x	x		x									
Recreation areas:																															
Green Mountain Reservoir.....	13S	1,000	2,125	A					x				x	x		x				x		x	x		x						
Watson Lake (2).....	28S	72	40	x												x						x	x	x							
Point of Rocks Reservoir (2).....	33S	600	2,000	A												x				x		x	x	x							
Julesburg Reservoir (2).....	34S	800	1,200	A												x				x			x	x							
Bonny Reservoir.....	38S	2,500	2,042	x												x				x		x	x	x	x						
Sand Creek (2).....	42S	1,000														x				x	x	x									
Bald Mountain (2).....	44S	500														x				x											
Barr Lake.....	47S	1,800	1,400	x												x				x			x	x							
Platte River North (3 sites).....	48S	1,600														x				x						x					
Kendrick Reservoir.....	56S	500	35	x												x				x											
Stanley Lake.....	58S	1,100	600	x												x							x	x							
Gross Reservoir.....	59S	1,200	600	x												x				x				x	x						
Ralston Reservoir.....	62S	1,000	120	x												x				x				x							
White (Georgetown) Reservoir (2).....	70S	1,500	60	x												x				x					x			x			
Dillon Reservoir.....	72S	2,500	2,500	A												x				x	x	x	x		x						
Cattle Creek (2).....	84S	500														x				x	x				x						
Mack Mesa Reservoir (2).....	96S	50	24	A												x				x					x						
De Weese Reservoir (2).....	126S	480	500	A												x							x	x							
Stechfield Lake (2).....	135S	1,200	200	x												x							x	x	x						
Homelake (2).....	140S	100	25	x													x			x											
Navajo Reservoir-Arboles Site.....	164S	250	19,500	A												x				x	x		x	x	x						
Burchfield Lake (2).....	171S	200	23	x												x							x	x	x						
Monuments:																															
Historic:																															
Hotel de Paris.....	69S	1														x															
Meeker Massacre Site (2).....	94S	10														x															
Sand Creek Battleground.....	134S	20														x															
Hotel Beaumont (2).....	148S	1														x															
Baca and Bloom Houses (2).....	169S	2														x															
Scenic roads:																															
Rabbit Ears Pass, White River Road: Colorado 14, U.S. 40, Colorado 130, 131.....	6S	129 mi.																		x	x		x								
Berthoud Pass, Shadow Mountain: U.S. 34, 40..	20S	62 mi.														x				x	x		x								
Cameron Pass: Colorado 14.....	23S	70 mi.														x				x	x		x								
Rocky Mountain Tourway: along secondary roads of Colorado Front Range.....	52S	417 mi.														x	x		x	x	x		x								
Monument Canyon Road.....	53S	8 mi.														x				x	x		x								
See footnotes at end of table.																															

See footnotes at end of table.

COLORADO	Number on map	Acreage		Significant features								Type of use				Activities												
		Total land and water within area	Water surface	Lake	Reservoir	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Scenic roads—Continued																												
Mount Evans Road.....	68S	28 mi.						x			x				x		x											
Kenosha Pass: U.S. 285.....	73S	87 mi.						x			x							x	x		x							
Hoosier Pass: Colorado 9.....	74S	31 mi.						x			x							x	x		x							
Fremont Pass: Colorado 91.....	76S	23 mi.						x			x							x	x		x							
Interstate 70 (2).....	77S	278 mi.					x	x			x							x	x		x							
Dowd to Poncha Springs: U.S. 24, 285.....	78S	111 mi.					x	x			x							x	x		x							
Kremmling to Dotsero, along Colorado River.....	80S	70 mi.					x	x			x							x	x		x							
Roaring Fork: Colorado 82, etc.....	85S	42 mi.					x	x			x							x	x		x							
McClure Pass: Colorado 133.....	86S	48 mi.						x			x							x	x		x							
Grand Mesa: Colorado 330, 65, etc.....	89S	46 mi.						x			x				x			x	x		x							
Douglas Pass Road.....	98S	22 mi.						x			x			x				x	x		x							
Lake Fork Road.....	110S	12 mi.						x			x			x				x	x		x							
Wagon Wheel Gap: Colorado 149.....	112S	124 mi.					x	x			x							x	x		x							
Kebler Pass: Colorado 135.....	114S	50 mi.						x			x							x	x		x							
Cumberland Pass.....	117S	55 mi.					x	x			x							x	x		x							
Monarch Pass: U.S. 50.....	121S	79 mi.					x	x			x				x			x	x		x							
Wet Mountain Valley: Colorado 69.....	125S	52 mi.									x			x	x			x	x		x							
Million Dollar Highway: U.S. 550.....	147S	86 mi.					x	x			x		x					x	x		x							
Telluride to Ridgeway: Colorado 145, 62.....	150S	40 mi.						x			x							x	x		x							
Wolf Creek Pass: U.S. 160.....	160S	141 mi.						x			x							x	x		x							
Florida Mesa: U.S. 550.....	163S	24 mi.								x				x				x	x		x							
Pagosa Springs to State line: U.S. 84.....	165S	28 mi.						x			x							x	x		x							
Free-flowing streams:																												
Green River.....	2S	40 mi.					x				x	x				x	x									x		x
Yampa River.....	3S	30 mi.					x				x	x				x	x								x		x	x
North Platte River.....	15S	9 mi.					x		x			x				x									x		x	
Laramie River.....	17S	32 mi.		x			x		x		x	x				x									x		x	
White River.....	93S	25 mi.					x				x					x		x							x			
Gunnison River.....	107S	26 mi.					x					x		x			x	x								x		
Arkansas River.....	122S	22 mi.					x				x					x									x			
Animas River.....	161S	39 mi.					x				x					x									x			
Canoe trails:																												
Yampa River.....	4S	260 mi.					x					x				x	x								x		x	x
Elk River.....	5S	22 mi.					x				x	x				x	x								x		x	x
South Platte River (2).....	65S	15 mi.					x				x					x									x	x		
Colorado River (Burns) (2).....	81S	30 mi.					x				x					x									x		x	
Eagle River (2).....	82S	25 mi.					x				x					x									x		x	
Colorado River (Grand Junction) (2).....	91S	93 mi.					x									x									x		x	
Gunnison River (2).....	115S	11 mi.					x		x		x					x									x			
Arkansas River (2).....	123S	44 mi.					x				x					x									x	x	x	
Rio Grande (2).....	144S	45 mi.					x		x		x					x									x	x	x	
Dolores River (2).....	154S	17 mi.					x									x									x		x	
LOCAL																												
Parks:																												
Plum Creek (2).....	49L	500					x								x						x							
Dad Clark Gulch (2).....	50L	750									x	x			x						x							
Happy Canyon (2).....	51L	500						x			x	x			x						x	x	x				x	
Soda Lakes.....	55L	500		x					x						x						x				x	x	x	
Clear Creek (2).....	57L	600					x		x		x				x						x							

See footnotes at end of table.



COLORADO	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface	Lake	Reservoir (7)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
LOCAL—Continued																												
Recreation areas:																												
Pueblo Reservoir.....	130L	1, 000	5, 000	..	A	..	..	..	x	..	..	x	..	x	..	..	..	x	..	..	x	x	x	x	..	..	..	
Paonia (Smith Creek “B”) Reservoir.....	106L	1, 500	308	..	x	..	..	..	..	..	..	x	..	x	..	..	..	x	..	..	x	x	x	x	..	..	..	
Smith Fork (Crawford) Reservoir.....	108L	80	397	..	A	..	..	..	..	..	..	..	..	x	..	..	..	x	..	..	x	x	x	x	..	..	..	

- (1) An "A" indicates water surface acreage is adjacent to area.  
(2) Suggested area—qualifications not wholly determined. Further study required.  
(3) Area established in 1963.  
(4) Major addition recommended.  
(5) Eligible for Registered National Historic Landmark status.  
(6) Not open to the public.



At the Lindenmeier Site, on these high plains of Colorado, archeologists found a 10,000-year-old campsite of Folsom Man. The site is suggested as a possible national monument.

SMITHSONIAN INSTITUTION







**T**HE Hawaiian Islands, a chain of eight major mid-Pacific islands some 420 miles long and lying about 2,100 miles off the United States mainland, constitute the State of Hawaii.

Hawaii's rapidly growing population rose from 499,794 in 1950 to 632,772 in 1960. By 1976, an estimated 881,000 persons will live on the islands. The population was 76 percent urban in 1960. Average density is 99 per square mile, with a range from 3.5 on the island of Niihau to 837 per square mile on the island of Oahu.

Federal employment and agriculture are important to the economy. The tourist industry now ranks first as a source of income with 1960 expenditures of \$131 million. The island of Oahu is the primary visitor target. Undeveloped recreation potential lies on other principal islands.

Access to the islands is by air or ship. Interisland travel is almost exclusively by air.

Hawaii's main recreation resources are spectacular sea and mountain scenery with an equable climate that attracts many recreation visitors the year round and has made the islands a foremost tourist destination.

Interesting shorelines and superb beaches are basic to the tourist industry and a preponderant resource for an expanding urban population. Active volcanoes are of national significance. Sea sport fisheries and hunting present extensive appeal. The State holds forest reserves of over a million acres that have a diverse animal and bird life. Widely scattered and colorful historic features assume national significance. The persistence of the colorful charm of early Hawaiian customs is a noteworthy and appealing resource. The Bishop Museum and the University of Hawaii are most

active in preserving the Polynesian culture and archeological evidences of the past. There is active local interest also in Hawaii's rich heritage.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers two national parks and one national historical park totaling 196,222 acres. The 1960 attendance was 836,000. The Bureau of Sport Fisheries and Wildlife has one national wildlife refuge of some 4,000 acres administered by the State Division of Fish and Game.

**STATE:** Under the Division of State Parks are 17 areas amounting to 6,157 acres and having a 1960-61 attendance of 296,828. The Division of Fish and Game manages 416,000 acres in 21 game management areas and 417 acres in 3 fishing areas. The Division of Forestry administers 47 areas amounting to 981,000 acres and including extensive private watershed areas. There is minimal facility development in these areas. Forest reserves on military reservations or otherwise not open to the public are not included. The State owns a number of important historic buildings. The need to preserve and interpret them is recognized.

**LOCAL:** There are 1,618 acres in 24 nonurban beach parks serving Honolulu. Elsewhere there are four local areas totaling 1,189 acres.

**PRIVATE ENTERPRISE:** Private enterprise plays a major role in the recreation picture by providing extensive resort developments for out-of-State visitors.



## PARK AND RELATED NEEDS

There is need for protection of parks and natural areas to attract and hold tourists and to serve residents of the State. Additional public recreation areas and facilities are needed, the most urgent need being public beaches for the Honolulu metropolitan area. Special attention should be given to such recreation categories as foot trails and overnight campsite development and to the expansion of recreation outlets for the local population. Designation and adequate protection of scenic roads would be of great value to out-of-State visitors and the local population. Historic sites need State protection, and additional reserves should be identified and created.

Potential acreage of State significance identified in this plan amounts to 22,807 acres.

Further study of potential local recreation areas is needed.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation

and map. The following recommendations are offered to help provide needed outdoor recreation opportunities for public enjoyment and use.

**NATIONAL:** Further study of the Na Pali-Barking Sands area.

Additional studies are also needed regarding the future of the Russian Fort-Waimea Beach and Iolani Palace.

**STATE:** Expansion of the State park system by the addition of 9 parks, 1 recreation area, 1 historic site, and 9 beaches, with further study of 7 parks, 10 historic sites, and 13 beaches. Designate and protect 13 scenic routes and 1 free-flowing stream.

Supporting recommendations include—

1. Provision for a suitable wayside system to increase both resident and visitor driving enjoyment.
2. Serious consideration of extensive wilderness reserves on Kauai and Molokai to determine their significance.
3. Examination of the recreation potential and construction feasibility of fresh-water impoundments.



Hawaii's Makua Beach on the island of Oahu has been recommended for protection as a State beach area.

HAWAII	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface	Lake	Reservoir	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Parks:																												
Haleakala National Park.....	72N	17,130									x	x		x	x		x	x	x	x	x					x		
Hawaii Volcanoes National Park (2).....	108N	178,911						x			x	x		x	x	x	x	x	x	x	x					x		
Monument: Historic: City of Refuge National Historical Park.....	106N	181					x						x		x		x	x	x									
STATE																												
Parks:																												
Kokee State Park.....	3S	4640.0				x		x			x	x			x	x		x	x	x	x			x		x		
Fern Grotto State Park (2).....	12S	5.4				x								x	x		x											
Kaumualii State Park.....	12S	4.3				x												x				x		x				
Wailua Coconut Grove State Park.....	12S	15.25				x									x			x										
Wailua River State Park.....	12S	297.0				x									x			x			x	x	x					
Waimea Canyon State Park.....	22S	827.0						x			x			x	x		x											
Palaau State Park.....	48S	233.9						x			x		x	x	x			x	x	x						x		
Kaumahina State Park.....	67S	7.8						x			x		x		x			x	x	x	x					x		
Wailua State Park (lookout).....	68S	1.5																x										
Pua Kaa Falls State Park.....	69S	2.0						x			x				x			x	x			x						
Iao Valley State Park (2).....	77S	3.7						x					x	x				x	x	x	x					x		
Poli Poli Springs State Park.....	83S	2.0						x			x				x			x										
Akaka Falls State Park.....	97S	65.32									x			x	x			x										
McKenzie State Park (2).....	116S	13.10						x						x	x													
Lava Tree State Park (2).....	117S	17.09						x						x	x				x									
Manuka State Park.....	123S	13.25						x							x				x					x				
Recreation area: Keaiwa Heiau (2).....	40S	7.23						x			x	x	x		x				x	x	x					x		
Forests:																												
Hanalei Forest Reserve.....	5S	39,820				x		x			x	x			x				x	x	x			x	x	x		
Molokaa Forest Reserve.....	7S	4,564				x		x			x	x			x				x	x	x				x	x		
Kealia Forest Reserve.....	8S	8,559				x		x			x	x			x				x	x					x	x		
Nonou Forest Reserve.....	10S	818						x			x	x			x				x							x		
Kalepa Forest Reserve.....	16S	901						x							x											x	x	
Lihue-Koloa Forest Reserve.....	17S	27,186				x		x			x	x			x				x	x					x		x	
NaPali Kona Forest Reserve.....	18S	56,528				x	x	x			x	x			x	x	x		x	x	x	x			x	x	x	
Puu Ka Pele Forest Reserve.....	19S	15,568					x	x	x		x	x			x	x	x		x	x	x				x	x	x	
Pupukea-Paumalu Forest Reserve.....	30S	837						x			x	x							x						x	x		
Hauula Forest Reserve.....	31S	9,494					x	x			x	x			x				x	x			x		x	x		
Kaipapau Forest Reserve.....	31S	1,173						x			x	x			x					x					x	x		
Kuaokala Forest Reserve.....	37S	385						x			x	x			x				x	x					x	x		
Mokuleia Forest Reserve.....	37S	5,215						x			x	x			x				x	x	x				x	x		
Nanakuli Forest Reserve.....	39S	788						x			x	x								x					x	x		
Ewa Forest Reserve.....	41S	27,930					x		x		x	x			x				x	x	x		x		x	x		
Honolulu Watershed Forest Reserve.....	41S	20,449					x		x		x	x			x				x	x			x			x		
Waiahole Forest Reserve.....	41S	8,634						x			x	x								x						x		
Waimanalo Forest Reserve.....	41S	3,293						x			x									x						x		
Molokai Forest Reserve.....	50S	46,445					x	x			x	x	x		x	x			x	x	x				x	x	x	
West Maui Forest Reserve.....	63S	21,831						x			x				x				x	x	x				x	x	x	
Hana Forest Reserve.....	71S	13,673						x			x				x				x	x	x				x	x		
Kipahulu Forest Reserve.....	71S	7,232						x			x				x				x	x	x				x	x		
Koolau Forest Reserve.....	73S	39,163						x			x				x				x	x	x				x	x	x	
Makawai Forest Reserve.....	73S	2,093						x			x				x				x	x	x				x	x		
Kahikinui Forest Reserve.....	82S	13,184						x			x				x				x	x	x					x		
Kula Forest Reserve.....	82S	4,933									x				x				x	x	x				x	x		
Kohala Forest Reserve.....	93S	31,800						x	x	x		x	x		x				x	x	x	x		x	x	x		

See footnotes at end of table.





HAWAII	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface	Lake	Reservoir	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Parks—Continued																												
Kealakekua Bay.....	105S	3,000					x					x	x	x		x	x	x			x		x					
Olaa Forest.....	110S	7						x							x											x		
Kapoho.....	115S	20									x			x	x			x										
Recreation area: Kuaokala.....	35S	500					x			x	x			x	x					x	x	x				x	x	
Monuments: Historic:																												
Waioli Mission and Home (1).....	6S	20										x		x					x									
Wailua River Heiaus (1).....	14S	3,000			x							x	x	x			x	x										
Koloa Sugar Mill (1).....	26S	10										x		x				x										
Puu O Mahuka Heiau.....	28S	100										x	x	x				x										
Iliiliopae Heiau (1).....	53S	50										x		x				x										
Mookini Heiau (1).....	88S	100										x	x	x														
Puako Petroglyphs (1).....	91S	90										x		x														
Puu Kahola (1).....	92S	150										x	x	x														
Ahuena Heiau (1).....	103S	10				x						x	x	x														
Wahaula Heiau (1).....	120S	200				x						x		x														
Kalae Heiau and Coast (1).....	124S	50				x						x	x	x				x	x					x				
Beaches:																												
Haena Beach Park.....	4S	240				x						x		x	x				x		x	x	x	x				
Lydgate Park.....	15S	40				x						x		x					x	x			x	x				
Polihale Beach Park (1).....	20S	2,060				x						x		x	x				x		x	x	x	x				
Salt Ponds.....	25S	16				x						x		x					x		x	x	x	x				
Mahaulepu (1).....	27S	220				x						x		x					x		x			x				
Kualoa (1).....	34S	100				x					x	x	x						x	x	x		x	x				
Makua-Keawaula.....	36S	70				x								x					x		x		x	x				
Makaha (1).....	38S	50				x						x		x					x	x			x	x				
Papohaku (1).....	44S	50				x								x					x	x	x				x		x	
Kawikiunui (1).....	45S	20				x								x					x	x	x		x	x			x	
Moomomi (1).....	46S	100				x						x		x					x	x	x		x	x			x	
Kapuaiwa.....	55S	40				x						x		x					x	x			x				x	
Hulopae-Manele (1).....	57S	300				x								x					x		x		x	x				
Honokowai.....	58S	15				x								x					x		x		x	x				
Napili Bay (1).....	59S	12				x													x	x					x			
Punalau (1).....	61S	40				x								x	x				x	x		x		x	x			
Honomanu Bay.....	66S	25				x													x		x				x			
Kealia (1).....	76S	50				x													x	x		x	x	x				
Poolenalena (1).....	80S	30				x								x					x	x		x			x			
Puu Olai (1).....	81S	30				x								x					x	x		x						
Hapuna.....	90S	35				x													x		x		x	x				
Honokahau.....	102S	47				x								x						x		x		x				
Scenic roads:																												
East Kauai Complex.....	9S	21 mi.				x		x			x		x		x	x		x										
State Route 55.....	23S	4 mi.				x		x			x				x	x	x	x										
State Route 83.....	33S	8 mi.				x	x				x							x										
State Route 72.....	42S	6 mi.				x					x			x	x	x		x										
State Route 47.....	47S	2 mi.					x				x							x										
State Route 45.....	52S	21 mi.				x	x				x		x					x	x	x		x						
Manele Bay-Lanai City.....	56S	3 mi.				x					x							x	x		x							
State Routes 30 and 33.....	64S	21 mi.				x					x							x	x		x							
State Route 36.....	65S	27 mi.				x	x				x							x	x		x							
State Route 378.....	74S	11 mi.									x				x	x	x	x										
State Route 31.....	75S	11 mi.				x					x							x	x		x							

See footnotes at end of table.



HAWAII	Number on map	Acreage		Significant features								Type of use		Activities														
		Total land and water within area	Water surface	Lake	Reservoir	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Scenic roads—Continued																												
Wailuku to Iao Valley State Park . . . . .	78S	3 mi.				x		x			x				x	x		x										
State Route 31 . . . . .	85S	8 mi.					x	x			x				x	x		x										
Free-flowing stream: Wailua River . . . . .	13S	5 mi.				x						x	x		x	x		x				x	x	x				

(1) Suggested area—qualification not wholly determined. Further study required.

(2) Major additions recommended.



Kauai's Na Pali Coast, with 200-foot sea cliffs, is part of a superb natural area being studied for possible national park status.



	Existing	Potential
Park	★	★
Recreation Area, Etc.	▲	▲
Monument	■	■
Nature Preserve	◼	◼
Wilderness	▢	▢
Beach	▲	▲
Wildlife Area	◆	◆
Forest	●	●
Foot Trail	.....	.....
Horse Trail	.....	.....
Bicycle Trail	.....	.....
Canoe Trail	.....	.....
Scenic Route	---	---
Free-flowing Stream		
NATIONAL FOREST		







IDAHO is a land of magnificent forested mountains, desert, and rivers such as the Clearwater, Salmon, and Snake. Hells Canyon rivals the Grand Canyon in depth. Over 65 percent of the State is federally owned.

The population of Idaho was 667,191 in 1960. Projections indicate 828,000 by 1976. The average density was 8 persons per square mile, varying from less than 1 in the mountainous and desert areas to 100 in parts of the Snake River Valley. About two-thirds of the people live in the Snake River Valley, where the major population centers of Boise and Pocatello are located.

Leading industries in order of importance are agriculture, lumbering, and recreation. Out-of-State tourist expenditures were \$126 million in 1960 and resident recreation expenditures \$75 million.

The extensive mountain ranges provide excellent opportunities for camping, hunting, sightseeing, mountaineering, and winter sports. Several thousand streams and natural lakes plus private and Federal reservoirs throughout the State offer boating, swimming, fishing, and other recreation opportunities. Good populations of big game, upland birds, and waterfowl provide excellent hunting in most parts of the State. There are over 3 million acres of designated wilderness areas, with many white-water rivers and extensive forests that offer almost unlimited opportunities for wilderness types of recreation pursuits.

Idaho is rich in Indian, fur trade, and early mining history that offers excellent opportunities for study and the establishment of historic sites.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers 1 national monument of 48,004 acres that had a 1960 attendance of 134,300. The portion of Yellowstone National Park located in Idaho consists of 31,488 acres. The Bureau of Sport Fisheries and Wildlife manages 47,336 acres in 4 national refuges that received an attendance of 188,448 in 1960.

There are 16 national forests with a total of 20,300,577 acres, administered by the Forest Service. Within these forests are 387 developed recreation sites occupying 4,122 acres, 16 winter sports areas with 5,029 acres, and 3 primitive areas amounting to 3,004,069 acres. The total 1960 recreation attendance for the national forests was 3,295,000. The Corps of Engineers has one reservoir area of 99,100 acres. Portions of three reservoir areas totaling 106,924 acres are administered by the Bureau of Reclamation.

**STATE:** Four state agencies administer recreation and related areas. The Department of Public Lands administers 25 areas totaling 25,601 acres in the State park system. The 1960 attendance at the State parks was 790,000. Under the Department of Fish and Game are 65 areas containing 43,300 acres of public and private lands purchased or leased to provide for hunting, fishing, and related activities. The Department of Highways has 130 small wayside rest and picnic areas averaging less than 1 acre each. The State forests, with 1,212,000 acres, include 23,357 acres of the State park lands.





The Thousand Springs on the Snake River, recommended as an Idaho State recreation area.

**PRIVATE ENTERPRISE:** Private timber companies operate 8 recreation areas, and private power companies have 10 sites on their reservoir holdings. Outstanding winter-sports facilities have been provided at Sun Valley.

### PARK AND RELATED NEEDS

The State park system needs expansion and a balanced distribution on a population and geographic basis. There is need for day and weekend use areas near urban areas in the Snake River Valley and protection of historic and archeologic sites. Additional public-use facilities are needed on natural lakes, streams, and reservoirs.

Existing State areas provide 25,601 acres, and potential State parks, recreation areas, and monuments that have been identified total 27,211 acres. Although the combined present and potential acreage may be considered adequate to meet present and 1976 needs, further consideration should be given to suitable distribution in relation to population centers.

The need for local recreation areas could be met partially by the 10 areas identified. Further study is required to select suitable areas to serve local needs in the vicinity of Boise, Twin Falls, and Pocatello.

### RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are made to help provide needed outdoor recreation opportunities for public enjoyment and use.*

**STATE:** Enlargement of the State park system to preserve significant resources by the addition of 4 State parks, 12 recreation areas, and 4 scientific monuments, with the further study of 5 historic monuments. Five historic sites are eligible for Registered National Historic Landmark status. Designa-

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*A Nez Perce National Historical Park, comprising 22 publicly and privately owned sites, has recently been proposed to preserve, commemorate, and interpret the history and culture of the Nez Perce country of northern Idaho.

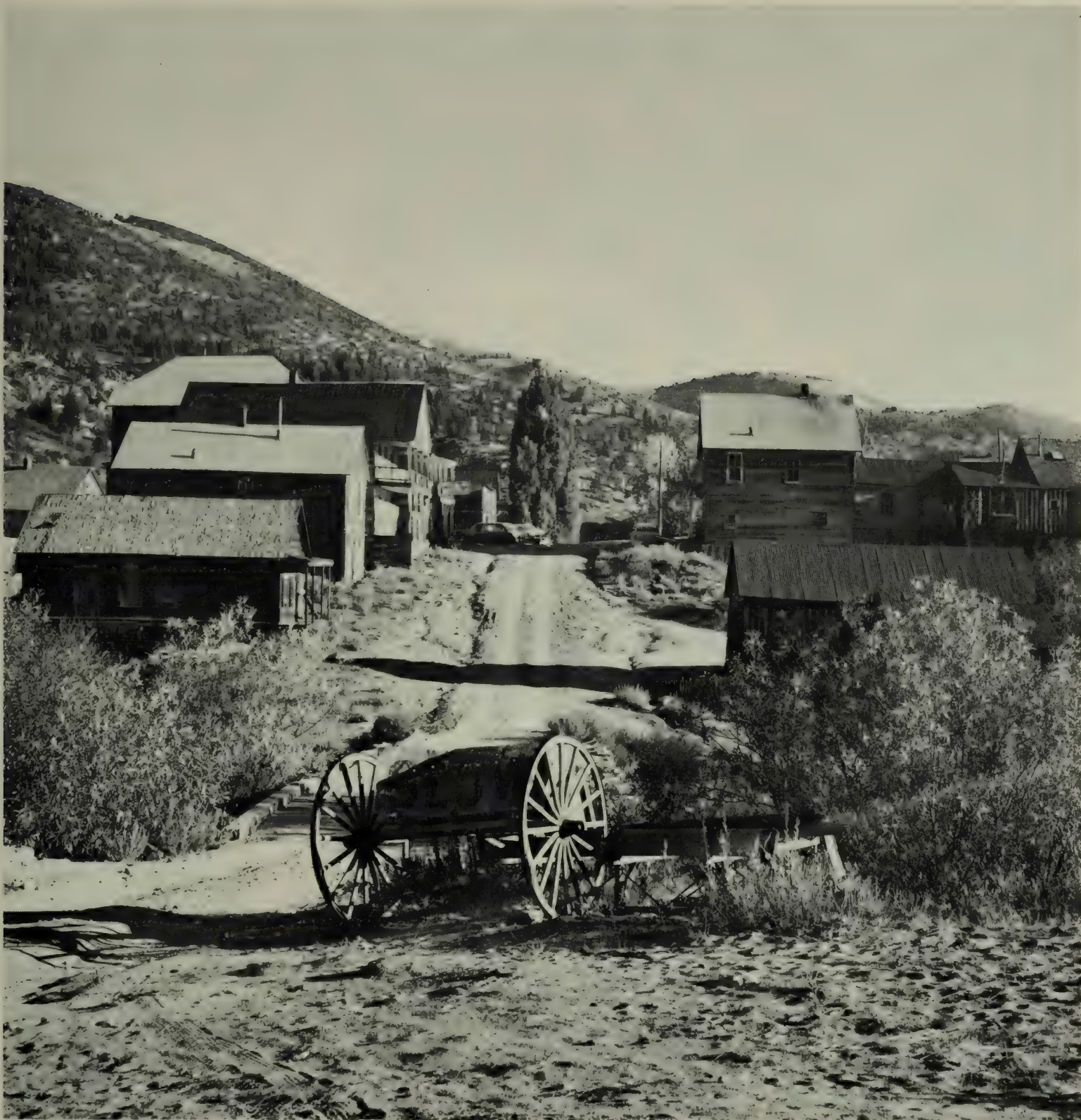


tion and protection of four scenic roads, four free-flowing streams, and seven canoe trails.

**LOCAL:** Establishment of three recreation areas, one scientific monument, and one beach, with further study of five recreation areas.

Supporting recommendations include—

1. Strengthening of the State park administration.
2. Maintenance of minimum recreation water pools on certain reservoirs.
3. Provision for State funds to maintain and interpret historical parks.



The ghost town of Silver City, perched high in a mountain saddle, was once the largest of the Idaho mining camps.



IDAHO	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Park: Yellowstone National Park (Idaho portion) . . .	1N	31, 488		x		x		x			x	x	x	x	x	x	x	x	x	x	x	x	x		x		x	
Recreation areas:																												
Albeni Falls Reservoir . . . . .	4N	99, 100	96, 400		x										x			x	x		x	x	x	x				
Cascade Reservoir . . . . .	47N	30, 194	26, 500		A										x			x	x		x	x	x	x				
Palisades Reservoir . . . . .	65N	20, 150	16, 150		x										x	x		x	x		x	x	x	x				
American Falls Reservoir . . . . .	106N	56, 580	56, 000		A										x			x	x		x	x	x	x				
Monument: Scientific: Craters of the Moon . . . . .	72N	53, 545												x	x	x	x	x	x	x						x		
Forests:																												
Kaniksu National Forest (Idaho portion) . . . . .	6N	891, 348		L	A	A	x		x			x	x		x	x	x	x	x	x	x	x	x	x	x	x		
Kootenai National Forest (Idaho portion) . . . . .	11N	48, 851		S	x		x		x			x	x		x	x	x		x	x	x			x	x	x		
St. Joe National Forest . . . . .	13N	868, 650		M	x		x		x			x	x		x	x	x	x	x	x	x			x	x	x		
Coeur d'Alene National Forest . . . . .	15N	723, 408		L	A		x		x			x	x		x	x	x	x	x	x	x	x	x	x	x	x		
Clearwater National Forest . . . . .	30N	1, 250, 772		S	x		x		x			x	x		x	x	x	x	x	x	x			x	x	x		
Lolo National Forest (Idaho portion) . . . . .	32N	426, 062		M	x		x		x			x	x		x	x	x	x	x	x	x			x	x	x		
Salmon National Forest . . . . .	36N	1, 768, 728		M	x		x		x			x	x		x	x	x	x	x	x	x			x	x	x		
Bitterroot National Forest (Idaho portion) . . . . .	37N	460, 812		M	x		x		x			x	x		x	x	x	x	x	x	x			x	x	x		
Nezperce National Forest . . . . .	42N	2, 196, 029		M	x		x		x			x	x		x	x	x	x	x	x	x			x	x	x		
Payette National Forest . . . . .	43N	2, 307, 328		M	x	x	x		x			x	x		x	x	x	x	x	x	x			x	x	x		
Boise National Forest . . . . .	49N	2, 633, 534		L	x	A	x		x			x	x		x	x	x	x	x	x	x	x	x	x	x	x		
Challis National Forest . . . . .	52N	2, 447, 363		M	x		x		x			x	x		x	x	x	x	x	x	x	x	x	x	x	x		
Targhee National Forest (Idaho portion) . . . . .	59N	1, 319, 293		L	x	A	x		x			x	x		x	x	x	x	x	x	x	x	x	x	x	x		
Caribou National Forest (Idaho portion) . . . . .	66N	963, 939		L	x	A	x		x			x	x		x	x	x	x	x	x	x	x	x	x	x	x		
Sawtooth National Forest (Idaho portion) . . . . .	75N	1, 731, 563		M	x		x		x			x	x		x	x	x	x	x	x	x			x	x	x		
Cache National Forest (Idaho portion) . . . . .	107N	262, 897		S	x		x		x			x	x		x	x	x	x	x	x	x			x	x	x		
Wilderness:																												
Selway-Bitterroot Primitive Area (5) . . . . .	31N	1, 578, 551		M	x		x		x			x	x		x	x	x			x	x			x	x	x		
Idaho Primitive Area (5) . . . . .	41N	1, 224, 576		M	x		x		x			x	x		x	x	x			x	x			x	x	x		
Sawtooth Primitive Area (5) . . . . .	50N	200, 942		M	x		x		x			x	x		x	x	x			x	x			x	x	x		
Wildlife areas:																												
Camas National Wildlife Refuge . . . . .	71N	10, 535		M	x							x			x										x	x		
Snake River National Wildlife Refuge . . . . .	87N	376					x					x			x										x	x		
Deer Flat National Wildlife Refuge . . . . .	88N	10, 795	9, 835		x							x			x				x		x	x			x	x		
Minidoka National Wildlife Refuge . . . . .	103N	25, 630	12, 250		x							x			x				x		x	x			x	x		
STATE																												
Parks:																												
Priest Lake Park . . . . .	5S	8, 221	23, 400	A		x		x							x	x	x		x	x	x	x	x	x				
Little Round Lake Park . . . . .	7S	640	40	A				x							x				x	x	x	x	x	x				
Heyburn State Park . . . . .	19S	7, 981	32, 000	A		x		x				x			x	x	x		x	x	x	x	x	x				
Mary Minerva McCroskey Memorial State Park . . . . .	20S	5, 000						x							x				x	x						x		
Ponderosa Park . . . . .	46S	700	5, 000	A				x							x	x	x		x	x	x	x	x	x		x		
Recreation areas:																												
Dickinsheet Campground . . . . .	2S	5				x									x			x	x		x			x				
Albeni Falls Recreation Area . . . . .	3S	26	96, 400		A										x				x		x	x	x	x				
Deep Creek Park . . . . .	8S	5				x		x							x				x	x		x		x				
Deadhorse Campground . . . . .	48S	5						x							x				x		x			x				
Henry's Lake Recreation Area . . . . .	62S	20	6, 356	A											x	x	x	x	x	x	x	x	x	x		x		
Pine Creek Recreation Area . . . . .	78S	40				x									x				x	x		x		x				
More's Creek Recreation Area . . . . .	79S	10	2, 850		A										x				x	x		x		x				
Bogus Basin Recreational Area . . . . .	80S	640										x			x				x	x							x	
Discovery Park . . . . .	82S	5				x							x		x				x	x								
Monuments:																												
Scientific: City of Rocks . . . . .	101S	40													x	x				x		x				x		
See footnotes at end of table.																												

IDAHO	Number on map	Acreage		Significant features									Type of use				Activities											
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Monuments—Continued																												
Historic:																												
Spalding Park.....	21S	19				x						x		x				x	x									
Lewis and Clark Canoe Camp.....	23S	7			x							x		x				x	x									
Packer John Cabin Site.....	44S	42										x		x				x		x								
Ward Massacre Monument.....	86S	1										x		x				x	x									
Register Rock and Massacre Rock.....	105S	20										x		x				x	x		x							
Nature preserve: Land Board Park.....	27S	40					x							x				x								x		
Beaches:																												
Sunnyside Park.....	9S	34	94, 600	A										x				x		x	x	x	x					
Lucky Peak Reservoir.....	81S	900	2, 850		A									x				x			x	x	x					
Lake Walcott Park.....	102S	280	12, 250		A									x				x		x	x	x	x					
American Falls Reservoir.....	104S	920	56, 000		A									x				x	x		x	x	x					
POTENTIAL AREAS																												
STATE																												
Parks:																												
Jimmy Smith Lake.....	53S	500	S	x										x	x			x	x	x	x	x	x					
St. Anthony Dunes.....	61S	5, 000								x				x	x	x	x	x	x	x	x						x	
Silver City.....	91S	600											x		x		x		x	x	x							
Blue Lake.....	100S	200	S	x		x								x	x	x	x	x		x	x	x	x					
Recreation areas:																												
Pend Oreille.....	10S	300	94, 600	A											x	x	x	x	x	x	x	x	x					
Cascade Reservoir.....	45S	200	26, 500		A										x	x		x	x		x	x	x	x				
Sawtooth Valley.....	51S	200				x									x	x	x	x	x					x				
East Fork Junction.....	54S	80				x									x	x	x	x	x		x			x				
Salmon River.....	55S	80				x									x	x	x	x	x		x			x				
Mackay Reservoir.....	57S	1, 000	2, 400		A										x		x	x	x		x	x	x	x				
Henry's Lake.....	64S	160	6, 356	A											x	x	x	x	x		x	x	x	x				
Kelly Mountain (3).....	68S	200									x				x			x	x	x	x							
Bennett Mountain (3).....	77S	1, 000									x	x			x	x	x		x	x	x							
Black Canyon Reservoir.....	85S	80	1, 045		A										x			x	x		x	x	x	x				
Bruneau Sand Dunes.....	94S	1, 200	100	x											x	x		x	x	x	x	x	x	x				
Thousand Springs.....	99S	100				x									x	x		x	x		x	x	x	x				
Soda Springs.....	108S	120	M		A										x			x	x		x	x	x	x				
Bear Lake.....	110S	200	87, 100	A											x	x	x	x	x	x	x	x	x					
Monuments:																												
Scientific:																												
Lava City of Rocks.....	76S	1, 000													x	x											x	
Owyhee Canyon.....	92S	5, 000				x									x	x					x	x			x		x	
Jarbridge Canyon.....	96S	10, 000				x									x	x					x	x			x		x	x
Minnetonka Cave.....	109S	80													x	x		x								x		
Historic:																												
Kullyspell House (3).....	12S	100											x		x			x										
Cataldo Mission (4).....	18S	10											x		x			x										
Lolo Trail (4).....	28S	5											x		x			x										
Lemhi Pass (4).....	58S	5											x		x			x										
Fort Hall (4).....	70S	10											x		x			x										
Fort Boise (3).....	83S	5											x		x			x										
U.S. Assay Office, Boise (4).....	84S	3											x		x			x										
Wagon Town (3).....	90S	200											x		x						x	x						
Indian Bathtub (3).....	93S	40											x		x													
Three Island Crossing (3).....	97S	40											x		x													

See footnotes at end of table.



IDAHO	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Scenic roads:																												
Ahsahka-Elk River-Pierce . . . . .	25S	101 mi.				x		x			x				x													
St. Anthony-Kilgore-Island Park . . . . .	60S	66 mi.				x				x					x													
Murphy-Silver City-Fairylawn . . . . .	89S	144 mi.				x				x					x													
Bruneau-Three Creeks . . . . .	95S	70 mi.				x				x					x													
Free-flowing streams:																												
North Fork Clearwater River . . . . .	26S	80 mi.				x		x				x			x	x					x	x	x	x				x
Lochsa River . . . . .	29S	70 mi.				x		x							x	x					x	x	x	x				
Salmon River . . . . .	34S	350 mi.				x		x				x			x	x	x				x	x	x	x				x
Middle Fork Salmon River . . . . .	40S	94 mi.				x		x				x			x	x	x				x	x	x	x				x
Canoe trails:																												
Priest River . . . . .	1S	18 mi.				x		x							x	x					x	x	x	x				
St. Joe River . . . . .	14S	38 mi.				x		x							x	x					x	x	x	x				
Clearwater River . . . . .	22S	125 mi.				x		x							x	x					x	x	x	x				
North Fork Clearwater River . . . . .	24S	110 mi.				x		x				x			x	x	x				x	x	x	x				x
Salmon River (upper) . . . . .	35S	108 mi.				x									x	x					x	x	x	x				
Salmon River (central) . . . . .	38S	135 mi.				x		x				x			x	x	x				x	x	x	x				x
Middle Fork Salmon River . . . . .	39S	94 mi.				x		x				x			x	x	x				x	x	x	x				x
LOCAL																												
Recreation areas:																												
Coeur d'Alene . . . . .	16L	200	32,000	A											x	x		x	x		x	x	x	x				
Hayden Lake . . . . .	17L	40	M	A											x			x	x		x	x	x	x				
Island Park (3) . . . . .	33L	20				x									x			x	x		x		x	x				
Chilly Valley (3) . . . . .	56L	80				x									x			x	x		x		x	x				
Wolf Flat (3) . . . . .	67L	160				x									x			x	x		x	x	x	x				
Wolverine Canyon (3) . . . . .	69L	200				x									x			x			x			x	x		x	
Little Wood River . . . . .	73L	160				x									x			x	x		x		x	x				
Big Wood River (3) . . . . .	74L	160				x									x			x	x		x			x				
Monument: Scientific: Balanced Rock . . . . .	98L	80												x	x											x		
Beach: Ashton Beach . . . . .	63L	10	M	A															x				x	x				

(7) Where acreage not shown:

“S” indicates water surface under 500 acres.

“M” indicates water surface of 500 to 10,000 acres.

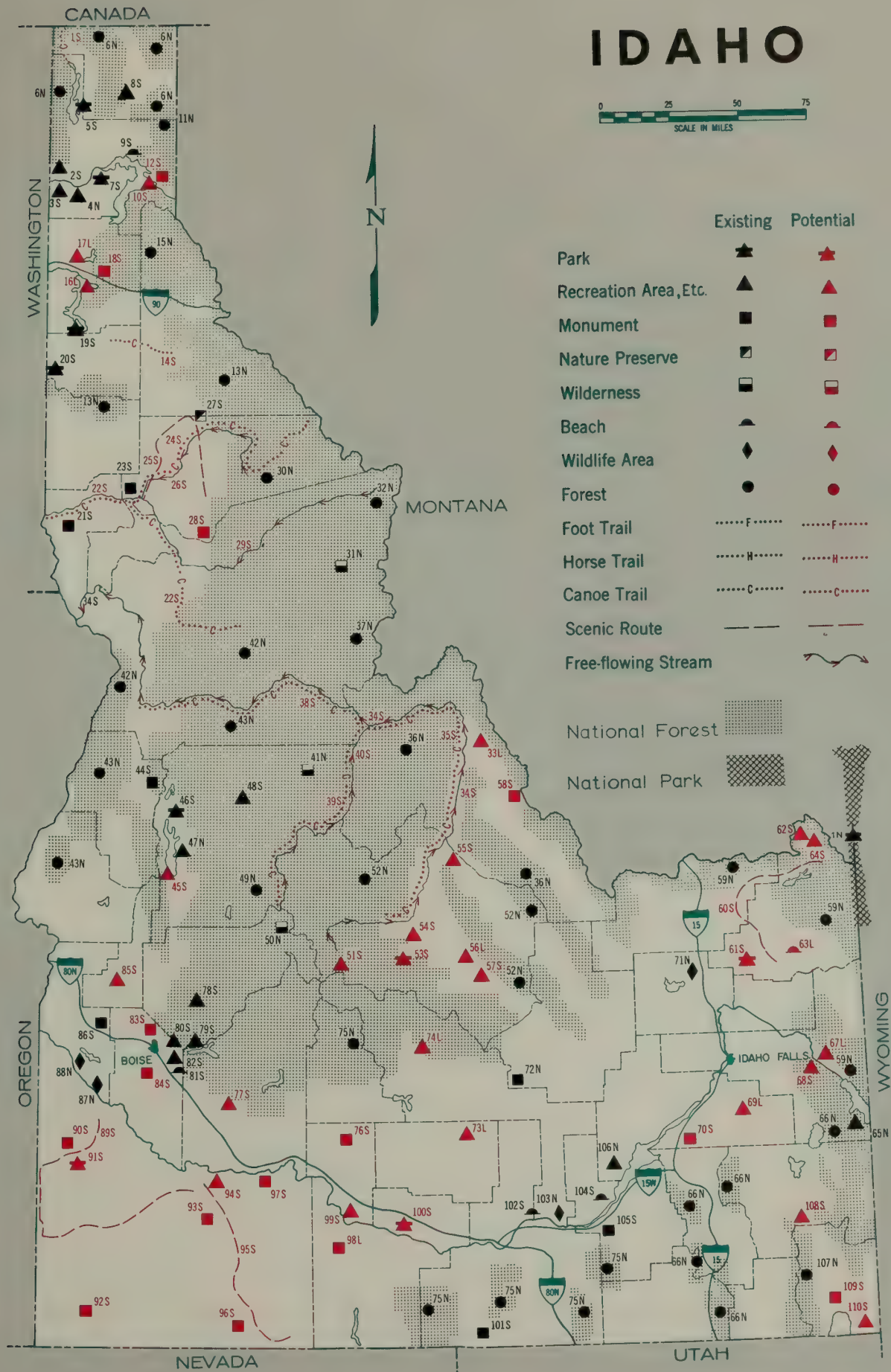
“L” indicates water surface over 10,000 acres.

(2) An “A” indicates all or major portions of water surface acreage is adjacent to area.

(3) Suggested area—qualifications not wholly determined. Further study required.

(4) Eligible for National Historic Landmark status.

(5) Included in national forest acreage.







# MONTANA

**M**ONTANA, the fourth largest State in the Union, offers great inducements to the vacationist bent on outdoor recreation.

The 1960 population was 674,767, a 14-percent increase over 1950. Projections indicate it may reach 908,000 by 1976. Urban population gained 31 percent in the last decade. The average density is 4.6 persons per square mile; however, 20 counties have less than 2 people per square mile.

Outdoor recreation plays an important part in the State's economy. The tourist industry ranked fourth in 1960 with estimated expenditures of \$125 million. The interstate routes will increase visitation by shortening travel time from large centers of population.

The recreation resources include prairies, forest-covered slopes, mountain lakes and meadows, clear-flowing streams, and the grandeur of the northern Rocky Mountains.

Reservoirs in eastern Montana provide important water-oriented recreation. Delightful summers and pleasant autumns encourage outdoor recreation. Winter sports are becoming increasingly popular. Hunting and fishing are of State and nationwide interest. Several rivers offer opportunities for canoe or float trips. Open space and the western atmosphere of working ranches are important tourist assets. A rich historical heritage accents westward expansion, Lewis and Clark exploration, fur trade, military and Indian affairs, and the cattlemen's empire. Seven sites possess exceptional value in commemorating the history of the United States and are eligible for Registered National Historic Landmark status.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers two national parks (including the Montana portion of Yellowstone National Park) totaling 1,152,946 acres and two historic monuments with 965 acres. The 1960 attendance was 2,325,000. The Forest Service administers 11 national forests (including Montana's portion of 4 forests that are partially within other States) totaling 16,635,451 acres. Within these there are 10 wilderness and wild areas totaling 2,102,850 acres and 281 recreation areas using 2,013 acres. The Bureau of Sport Fisheries and Wildlife manages 19 national refuges totaling 1,121,374 land and water acres. Five of the refuges, with 12,373 acres, are partly or entirely on private land. The Bureau of Land Management administers 6,700,000 acres; portions of these lands are potential park and recreation areas.

**STATE:** The State Park Division of the Montana Highway Department administers 25 parks, monuments, and recreation areas totaling 9,547 acres. The 1960 attendance was 365,500. There are seven State forests with 202,949 acres managed by the Montana State Forester. The Montana Fish and Game Department administers 119,511 acres in 39 fishing access areas and 20 wildlife areas.

**LOCAL:** An area of 10,000 acres is maintained by Hill County for organization camp use.



**PRIVATE ENTERPRISE:** The important dude-ranch industry provides summer ranch vacations with pack trips into forests and wilderness areas. Concession and related facilities in national parks and forests and winter sports areas are privately operated.

## PARK AND RELATED NEEDS

The State park system represents a good nucleus, but needs additional and diversified areas both for residents and out-of-State visitors. The situation at local levels could be improved by better distribution of recreation areas. An adequate system of roadside parks is of immediate importance, with provision for camping



The historic blockhouse at Fort Logan, Mont., relic of the Indian wars and the West's last remnant of this type of fort structure, has been recommended for State protection as a historic monument.

MONTANA HIGHWAY COMMISSION.

conveniences. Preservation of free-flowing streams with provision for public access and control of pollution is essential.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are offered to help provide needed outdoor recreation opportunities for public enjoyment and use.

**NATIONAL:** Provision of adequate public recreation facilities at Yellowtail Reservoir (Big Horn Canyon), in cooperation with the Crow Indians, and further study of a proposed Lewis and Clark National River in the Missouri River Breaks section.

**STATE:** Enlargement of the State park system to preserve valuable resources by addition of 3 scenic areas, 6 historic and scientific sites, and major expansion of 11 existing areas. Further study of seven suggested areas for day and weekend recreation.

Supporting recommendations include—

1. Cooperative study to determine desirability and feasibility of a Lewis and Clark Historic Tourway coordinated with other States and appropriate agencies.
2. Establishment of an adequate system of roadside parks. Some should be provided along interstate routes at the time of their construction.
3. Designation of a system of State and local scenic roads.
4. Consideration of a Federal-State study to determine desirability for a scenic route between Yellowstone and Glacier National Parks, utilizing existing roads.
5. Preservation of important free-flowing streams and designation of rivers suitable for canoe or float trips.
6. Cooperative planning to take full advantage of the recreation potential of Bureau of Land Management lands and State Fish and Game and State Water Board lands.
7. The Historical Society of Montana should act in an advisory capacity to the State Parks Division in interpretation of the history in its parks and monuments. A further role would be to recommend acquisition of sites of State significance.

		Number on map	Acreage		Significant features								Type of use				Activities												
			Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
MONTANA																													
EXISTING AREAS																													
FEDERAL																													
Parks:																													
Glacier National Park . . . . .	20N	1,009,159			x		x		x			x	x		x	x	x	x	x	x	x	x		x		x		x	
Yellowstone National Park (Montana portion) . .	129N	142,502					x		x			x	x		x	x			x	x	x		x		x		x		
Recreation area: Fort Peck Reservoir . . . . .	32N	320	245,000		A				x						x			x	x		x	x	x						
Monuments: Historic:																													
Custer Battlefield National Monument (4) . . . . .	110N	765							x				x		x		x	x								x			
Big Hole National Battlefield (4) . . . . .	148N	200							x				x		x		x	x		x						x			
Forests:																													
Kootenai National Forest (Montana portion) . .	3N	1,769,404					x		x			x	x		x	x			x	x	x	x	x		x	x	x	x	
Flathead National Forest . . . . .	8N	2,336,388			x	x	x		x			x	x		x	x			x	x	x	x	x	x	x	x	x	x	
Lewis and Clark National Forest . . . . .	39N	1,862,018			x	x	x		x			x	x	x	x	x			x	x	x	x	x		x	x	x	x	
Lolo National Forest . . . . .	54N	2,076,641			x		x		x			x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	
Kaniksu National Forest (Montana portion) . . .	75N	447,142			x	x	x		x			x	x		x	x			x	x	x	x	x	x	x	x	x	x	
Bitterroot National Forest (Montana portion) . .	84N	1,113,814			x		x		x			x	x	x	x	x			x	x	x	x	x		x	x	x	x	
Deerlodge National Forest . . . . .	85N	1,134,572			x	x	x		x			x	x		x	x			x	x	x	x	x	x	x	x	x	x	
Helena National Forest . . . . .	96N	966,613				x	x		x			x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	
Gallatin National Forest . . . . .	102N	1,700,139			x	x	x		x			x	x		x	x			x	x	x	x	x	x	x	x	x	x	
Custer National Forest (Montana portion) . . . .	109N	1,097,784			x	x	x		x			x	x	x	x	x			x	x	x	x	x		x	x	x	x	
Beaverhead National Forest . . . . .	134N	2,130,936			x	x	x		x			x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	
Wilderness:																													
Cabinet Mountains Wild Area (5) . . . . .	2N	90,000			x		x		x			x	x		x	x					x	x		x	x	x		x	
Bob Marshall Wilderness Area (5) . . . . .	55N	990,900			x		x		x			x	x		x	x	x	x			x	x		x	x	x		x	
Mission Mountains Wild Area (5) . . . . .	62N	75,500			x		x		x			x	x		x	x					x	x		x	x	x		x	
Mission Mountains Roadless Area (5) . . . . .	63N	125,000			x		x		x			x	x		x	x					x	x		x	x	x		x	
Selway-Bitterroot Wilderness Area . . . . .	77N	291,085			x		x		x			x	x		x	x	x	x			x	x		x	x	x		x	
Gates of the Mountains Wild Area (5) . . . . .	98N	28,562				x			x			x	x		x	x			x	x	x	x	x		x	x		x	
Beartooth Wilderness Area (5) . . . . .	119N	230,000			x		x		x			x	x		x	x	x	x			x	x		x	x	x		x	
Absaroka Wild Area (5) . . . . .	127N	64,000			x		x		x			x	x		x	x					x	x		x	x	x		x	
Spanish Peaks Wild Area (5) . . . . .	131N	50,000			x		x		x			x	x		x	x					x	x		x	x	x		x	
Anaconda-Pintlar Wilderness Area (5) . . . . .	149N	157,803			x		x		x			x	x		x	x	x	x			x	x		x	x	x		x	
Wildlife areas:																													
Creedman Coulee Wildlife Refuge . . . . .	25N	2,728							x			x			x											x			
Lake Thibadeau Wildlife Refuge . . . . .	26N	3,509			x				x			x			x											x			
Black Coulee Wildlife Refuge . . . . .	28N	1,480							x			x			x											x			
Bowdoin Wildlife Refuge . . . . .	29N	15,437			x				x			x			x			x						x		x			
Hewitt Lake Wildlife Refuge . . . . .	30N	1,681			x				x			x			x											x			
Medicine Lake Wildlife Refuge . . . . .	33N	31,457			x				x			x			x			x	x		x	x	x	x	x	x			
Fort Peck Game Range . . . . .	37N	950,827	245,000			x			x			x			x	x			x	x		x	x	x	x	x		x	
Wild Horse National Wildlife Refuge . . . . .	38N	3,200				x			x			x			x			x								x			
Benton Lake Wildlife Refuge . . . . .	47N	12,383			x				x			x			x											x			
Willow Creek Wildlife Refuge . . . . .	50N	3,119	1,450			x			x			x			x				x		x	x	x	x	x		x		
Pishkun Wildlife Refuge . . . . .	51N	8,195	1,550			x			x			x			x				x		x	x	x	x	x		x		
Pablo Wildlife Refuge . . . . .	66N	2,542	1,750			x			x			x			x			x	x							x			
Nine Pipe Wildlife Refuge . . . . .	67N	2,022	1,580			x			x			x			x			x	x							x			
National Bison Range . . . . .	68N	18,541							x			x			x			x	x							x			
Hailstone Wildlife Refuge . . . . .	103N	2,240							x			x			x											x			
Lake Mason Wildlife Refuge . . . . .	104N	18,173			x				x			x			x											x			
Lamesteer Wildlife Refuge . . . . .	107N	800							x			x			x											x			
Halfbreed Lake Wildlife Refuge . . . . .	117N	3,097			x				x			x			x											x			
Red Rock Lakes Wildlife Refuge . . . . .	152N	39,943			x				x	x		x	x		x			x	x						x		x		
STATE																													
Parks:																													
Bitterroot Lake State Park (4) . . . . .	9S	30	2,500	A					x							x	x		x	x		x	x	x	x		x		
See footnotes at end of table.																													



MONTANA	Number on map	Acreage		Significant features									Type of use			Activities													
		Total land and water within area	Water surface	Lake (1)	Reservoir (1)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS—Continued																													
STATE—Continued																													
Parks—Continued																													
Lone Pine State Park.....	10S	166						x							x			x	x							x			
West Shore State Park (4).....	11S	68	125, 550	A				x			x				x	x		x	x		x	x	x	x		x			
Whitefish Lake State Park (4).....	17S	15	4, 000	A				x							x			x			x	x	x	x		x			
Makoshika State Park.....	34S	783						x							x	x		x	x	x	x					x			
James Kipp State Park.....	38S	420					x								x			x	x		x	x			x	x			
Lost Creek State Park.....	91S	425					x				x				x			x		x				x		x			
Hooper State Park.....	94S	17						x							x			x	x		x								
Medicine Rocks State Park (4).....	108S	320							x						x	x		x	x		x					x			
Lewis and Clark Caverns State Park.....	140S	2, 770					x				x				x	x		x	x		x					x			
Recreation areas:																													
Tiber Dam State Park.....	22S	1, 500	17, 000	A				x							x			x	x		x	x	x	x		x			
Nelson Reservoir Recreation Area.....	31S	228	3, 500	A				x							x			x	x		x	x	x	x		x			
Rock Creek State Park.....	35S	200	245, 000	A				x							x	x			x		x	x	x	x		x			
Hell Creek State Park.....	36S	200	245, 000	A				x							x				x		x	x	x	x		x			
Yellow Bay State Park (4).....	61S	15	125, 550	A				x							x			x	x		x	x	x	x		x			
Flathead Lake State Park (4).....	65S	15	125, 550	A											x			x	x		x	x	x	x		x			
Noxon Rapids State Recreation Area (4).....	74S	25	8, 000	A				x							x			x	x		x	x	x	x		x			
Canyon Ferry State Recreation Area.....	99S	1, 800	35, 200	A				x	x						x	x		x	x		x	x	x	x		x			
Bridger Mountain State Park.....	130S	120						x			x				x												x		
Monuments: Historic:																													
Chief Joseph Battlefield State Monument (4).....	27S	160						x					x		x			x								x			
Fort Owen State Monument (4).....	81S	1											x		x			x											
Indian Caves State Park.....	114S	20						x					x	x	x			x								x			
Chief Plenty Coups Museum.....	115S	190						x					x		x			x											
Missouri River Headwaters State Monument (3) (4).....	139S	9					x		x				x	x	x			x	x		x			x		x			
Bannack State Monument (3) (4).....	146S	50						x		x			x	x	x			x	x	x	x					x			
Forests:																													
Stillwater State Forest.....	12S	90, 000					x		x			x	x		x			x	x	x	x				x	x	x		
Coal Creek State Forest.....	16S	20, 000					x		x			x	x		x			x		x					x	x	x		
Swan State Forest.....	59S	42, 000					x		x			x	x		x			x	x	x	x				x	x	x		
Thompson River State Forest.....	70S	14, 628					x		x			x	x		x			x		x					x	x	x		
Clearwater State Forest.....	87S	18, 076	3, 000	A			x		x			x	x		x			x		x					x	x	x		
Lincoln State Forest.....	95S	8, 245					x		x			x	x		x			x		x					x	x	x		
Sula State Forest.....	150S	10, 000						x				x	x		x					x						x	x		
MAJOR LOCAL																													
Park: Beaver Creek Park.....	24L	10, 000					x			x			x			x	x			x	x	x			x	x			
POTENTIAL AREAS																													
NATIONAL																													
River: Lewis and Clark.....	42N	250, 000					x			x			x	x	x	x	x	x	x		x	x			x		x	x	
Recreation area: Big Horn Canyon (Yellowtail Reservoir).....	113N	66, 945	7, 500		x			x	x			x	x	x	x	x	x	x	x	x	x	x	x	x		x			
STATE																													
Parks:																													
Clearwater River (2).....	57S	1, 200	1, 500	A		x		x				x	x			x	x		x	x			x	x	x		x		
Thompson Lakes.....	73S	1, 500	1, 000	A				x				x	x			x	x		x	x			x	x	x		x		
Lincoln Canyon.....	89S	1, 800				x		x				x	x			x			x	x			x			x			
See footnotes at end of table.																													

## MONTANA

MONTANA	Number on map	Acreage		Significant features								Type of use		Activities														
		Total land and water within area	Water surface	Lake	Reservoir (7)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Parks—Continued																												
Yellowstone River Breaks (2).....	106S	1,280				x			x			x		x	x			x	x		x	x		x		x		
Madison River Canyon.....	136S	1,920	4,000	A	x		x				x	x		x				x	x		x			x		x		
Recreation areas:																												
Lake Francis (2).....	21S	320	5,540	A				x						x				x		x	x	x	x					
Fresno Reservoir.....	23S	640	4,000	A				x						x				x	x		x	x	x	x				
Smith River (2).....	46S	960			x			x						x				x		x	x							
Yellowstone River (near Forsyth) (2).....	105S	320			x									x				x	x		x	x	x					
Yellowstone River (near Billings) (2).....	116S	320			x									x				x	x		x	x	x					
Ruby Reservoir.....	143S	1,200	360	x										x				x	x		x	x	x					
Clark's Canyon.....	151S	6,550	4,550	x				x						x				x	x		x	x	x					
Monuments:																												
Scientific: Tunnel Falls.....	121S	640				x		x						x				x	x	x	x			x		x		
Historic:																												
Traveller's Rest (3).....	82S	80											x		x			x										
Conrad-Kohrs Ranch (3).....	90S	40											x		x			x										
Fort Logan.....	100S	40											x		x			x										
Fort C. F. Smith.....	111S	120						x					x		x			x										
Pompey's Pillar.....	112S	320			x								x		x			x	x		x	x		x		x		
Logan Buffalo Jump (2).....	138S	640											x		x			x									x	
Scenic roads:																												
U.S. 2 Kalispell to Idaho.....	4S	125 mi.		x		x		x			x	x		x				x	x	x	x	x		x	x	x		
U.S. 93, Stillwater River.....	7S	60 mi.		x		x		x			x	x		x				x	x	x	x	x		x	x	x		
North Fork, Flathead River.....	13S	55 mi.				x		x			x	x		x				x	x	x	x	x		x	x	x		
Montana 20, Blackfoot River.....	48S	80 mi.				x		x			x	x		x				x	x	x	x			x	x	x		
Swan River Road.....	58S	90 mi.		x		x		x			x	x		x				x	x	x	x	x	x	x	x	x		
U.S. 93, Montana 35, Flathead Lake.....	64S	100 mi.		x		x		x			x	x		x				x	x	x	x	x	x	x	x	x		
Thompson River Recreation Road.....	72S	50 mi.				x		x			x	x		x				x	x	x	x			x	x	x		
Lolo Creek Road.....	76S	35 mi.				x		x			x	x	x	x				x	x	x	x			x	x	x		
U.S. 93, Bitterroot River.....	80S	90 mi.				x		x			x	x	x	x				x	x	x	x	x		x	x	x		
Rock Creek Recreation Road.....	86S	125 mi.				x		x			x	x		x				x	x	x	x			x	x	x		
Montana 43, Big Hole Canyon.....	92S	50 mi.				x		x			x	x		x				x	x	x	x			x	x	x		
U.S. 10 N, Helena to Garrison.....	93S	45 mi.				x		x			x	x		x				x	x	x	x			x	x	x		
Figure 8 Road, Helena National Forest.....	101S	150 mi.				x		x	x		x	x		x				x	x	x	x			x	x	x		
U.S. 12, Beartooth Road.....	118S	25 mi.		x		x		x			x	x		x				x	x	x	x			x	x	x		
Boulder River Road.....	122S	45 mi.				x		x	x		x	x		x				x	x	x	x	x		x	x	x		
U.S. 89, Yellowstone River.....	128S	60 mi.				x		x			x	x		x				x	x	x	x			x	x	x		
U.S. 191, Gallatin River.....	133S	75 mi.				x		x			x	x		x				x	x	x	x			x	x	x		
Montana 287, Madison River.....	135S	65 mi.		x	x	x		x	x		x	x		x	x			x	x	x	x			x	x	x		
Free-flowing streams:																												
Yaak River.....	1S	50 mi.				x		x			x			x				x						x		x		
North Fork, Flathead River.....	15S	40 mi.				x		x			x			x				x				x		x		x		
Middle Fork, Flathead River.....	19S	50 mi.				x		x			x			x				x				x		x		x		
Missouri River.....	40S	125 mi.				x			x			x		x				x				x		x		x		
Belt Creek.....	43S	70 mi.				x			x					x										x		x		
Smith River.....	44S	60 mi.				x		x	x		x			x								x		x		x		
Dearborn River.....	49S	50 mi.				x		x	x		x			x										x		x		
North Fork, Sun River.....	52S	35 mi.				x		x			x			x										x		x		
North Fork, Blackfoot River.....	53S	35 mi.				x		x			x			x					x					x		x		
South Fork, Flathead River.....	56S	50 mi.				x		x			x			x										x		x		
Swan River.....	60S	40 mi.		x		x		x			x			x					x				x		x		x	
Thompson River.....	71S	30 mi.				x		x			x			x					x					x		x		
Bitterroot River.....	78S	125 mi.				x		x			x			x					x				x		x		x	
Rock Creek.....	83S	50 mi.				x		x			x			x					x					x		x		

See footnotes at end of table.



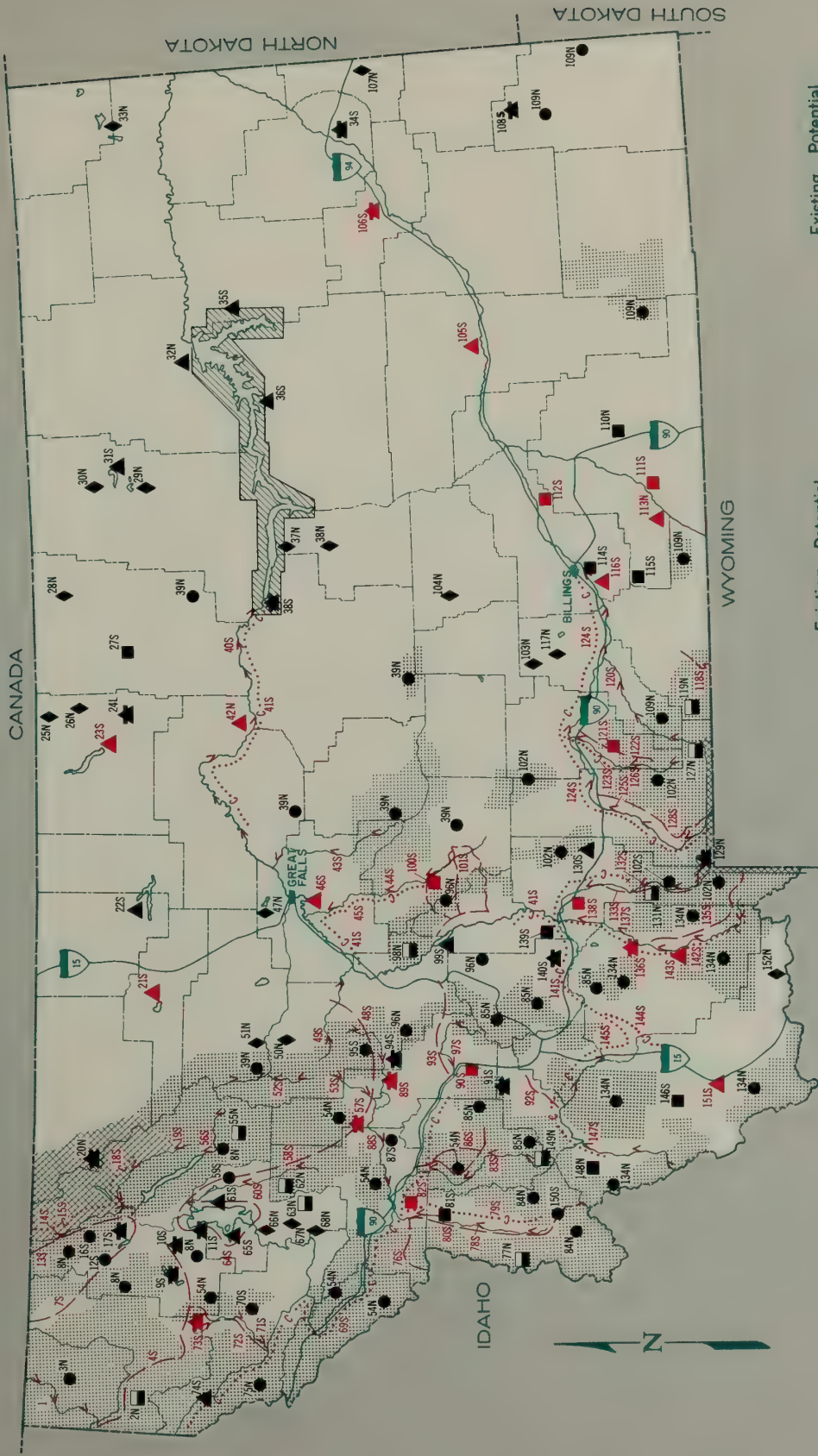
# MONTANA

MONTANA	Number on map	Acreage		Significant features								Type of use			Activities														
		Total land and water within area	Water surface	Lake	Reservoir	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
POTENTIAL AREAS—Continued																													
STATE—Continued																													
Free-flowing streams—Continued																													
Blackfoot River.....	88S	65 mi.				x		x			x				x			x							x		x		
Little Blackfoot River.....	97S	35 mi.				x		x			x				x			x							x		x		
Stillwater River.....	120S	50 mi.				x		x			x				x			x							x		x		
Yellowstone River.....	125S	175 mi.				x		x	x		x				x			x				x			x		x		
Boulder River.....	126S	50 mi.				x		x	x		x				x			x				x			x		x		
Gallatin River.....	132S	50 mi.				x		x			x				x			x							x		x		
Madison River.....	137S	90 mi.		x	x	x		x	x		x			x	x			x				x			x		x		
Big Hole River.....	147S	50 mi.				x		x	x		x				x			x				x			x		x		
Canoe trails:																													
North Fork, Flathead River.....	14S	40 mi.				x		x			x				x							x			x		x		
Middle Fork, Flathead River (2).....	18S	40 mi.				x		x			x				x							x			x		x		
Missouri River (3 sections).....	41S	175 mi.				x			x		x		x		x							x			x		x		x
Smith River.....	45S	60 mi.				x		x	x		x				x							x			x		x		
Clark Fork, Columbia River.....	69S	150 mi.				x		x			x				x							x			x		x		
Bitterroot River.....	79S	65 mi.				x		x			x				x							x			x		x		
Boulder River (2).....	123S	25 mi.				x		x	x		x				x							x			x		x		
Yellowstone River.....	124S	175 mi.				x		x	x		x				x							x			x		x		
Jefferson River.....	141S	65 mi.				x			x		x				x							x			x		x		
Madison River.....	142S	110 mi.				x		x	x		x				x							x			x		x		
Beaverhead River.....	144S	30 mi.				x			x		x				x							x			x		x		
Big Hole River.....	145S	90 mi.				x		x	x		x				x							x			x		x		

- (1) An "A" indicates water surface acreage is adjacent to area.
- (2) Suggested area—qualifications not wholly determined. Further study required.
- (3) Eligible for Registered National Historic Landmark status.
- (4) Major additions recommended.
- (5) Included in acreage of national forest.



A free-flowing reach of the Missouri River, key to the success of the Lewis and Clark Expedition, is proposed for a Lewis and Clark Wilderness Waterway in Montana.



# MONTANA



Existing		Potential	
Park	▲	★	▲
Recreation Area, Etc.	▲	▲	▲
Monument	■	■	■
Nature Preserve	▣	▣	▣
Wilderness	▣	▣	▣
Wildlife Area	◆	◆	◆
Forest	●	●	●
Canoe Trail	.....C.....	.....C.....	.....C.....
Scenic Route		Scenic Route	
Free-flowing Stream		Free-flowing Stream	
NATIONAL PARK		NATIONAL PARK	
NATIONAL FOREST		NATIONAL FOREST	
NATIONAL WILDLIFE REFUGE		NATIONAL WILDLIFE REFUGE	





# NEVADA

**N**EVADA is located in the Great Basin region. Its population increased 78 percent between 1950 and 1960 to 285,278. Projections indicate it may be 523,000 by 1976. In 1960, 70 percent of the people lived in urban areas with ample open space around them, as there were less than 3 people per square mile in the State.

Tourism, which revolves mainly around gaming, is the leading industry, with total 1958 expenditures of \$440 million by out-of-State visitors. Agriculture, mining, and transportation make up the balance of the State economy.

A well-developed highway system gives access to all but the remote interior parts of the State. Due to great distances between centers of interest, intrastate air transportation is of some importance.

Nevada has great space. The scenery ranges from desert expanses with colorful mountains to high forested ranges. The Colorado River with the Lake Mead Reservoir, Lake Tahoe in the High Sierra, and Pyramid Lake are important water features. Wilderness values are high, and wildlife values consist primarily of upland game birds and major big game species which provide excellent hunting.

Warm- and cold-water fishing is available. Mild winters in the southern part of the State are conducive to year-round outdoor recreation.

The State has a number of important historic sites and significant paleontologic and archeologic areas. Fort Churchill, Fort Ruby, Virginia City, and Leonard Rock Shelter possess exceptional value in commemorating the history of the United States.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers two national monuments and one national recreation area with a Nevada acreage of 805,707 acres. The 1960 attendance was 2,630,700. There are 4 national forests totaling 5,058,027 acres administered by the Forest Service, including 30 recreation areas with 1,600 acres, and a wild area and a natural area, with 67,063 acres. The Bureau of Sport Fisheries and Wildlife manages seven national wildlife refuges and game ranges containing 2,854,301 acres. The Bureau of Land Management has set aside two recreation areas of 77,480 acres.

**STATE:** The State Park Commission administers four monuments, three parks, one recreation area, and one beach with a total of 9,864 acres. The 1960 attendance was 156,000. In addition, it administers five recreation areas on lands in other ownership. The State manages 250,357 acres of game land which is subject to hunting.

**LOCAL:** The Washoe County Park Commission has a 46-acre historic monument-recreation area and a 28-mile scenic route.

**PRIVATE ENTERPRISE:** Private enterprise provides significant outdoor recreation facilities in dude ranches and at water areas.





At Wheeler Peak in Nevada, one can climb from desert to alpine environment. An excellent example of the Great Basin physiographic region, the area has been recommended for establishment as Great Basin National Park.

ERWIN FEHR.

## PARK AND RELATED NEEDS

There is an existing and growing need for close-in, day-use facilities in the Reno area. Water-oriented recreation outlets are in short supply. Existing park and recreation areas need greater development. Official designation and protection of scenic routes are needed. There is need for greater attention to archeologic and other scientific values with which the State is well endowed. The State park system is substantially organized, but might be strengthened by a greater diversity in types of areas. The 103,470 acres of potential major local areas identified in this plan, if acquired, should meet the additional 1976 needs and provide balance.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and

map. The following recommendations are made to help provide needed outdoor recreation opportunities for public enjoyment and use.

**NATIONAL:** Establishment of Great Basin National Park.

**STATE:** Expansion of the State park system by the addition of 5 parks, 10 recreation areas, 2 scientific monuments, and 5 historic monuments, and further study on 3 parks, 1 recreation area, 6 scientific monuments, and 4 historic monuments. Designation and protection of five scenic roads.

Supporting recommendations include—

1. Development of additional waysides on main routes of tourist travel with emphasis on related historic features.
2. Field investigations to determine the potentialities of the Red Rock Canyon and Pyramid Lake vicinities.

NEVADA	Number on map	Acreage		Significant features								Type of use			Activities													
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS																												
FEDERAL																												
Recreation area: Lake Mead National Recreation Area (Nevada portion).....	65N	689, 287	163, 000	..	x	..	..	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	..	..
Monuments: Scientific:																												
Lehman Caves National Monument.....	45N	640	.....	..	..	..	..	..	..	..	x	..	..	x	x	..	x	x	x	x	..	..	..	..	..	..	..	..
Death Valley National Monument (Nevada portion).....	71N	115, 240	.....	..	..	..	..	x	..	..	x	..	x	x	x	..	x	x	..	..	..	..	..	..	..	..	..	..
Forests:																												
Humboldt National Forest.....	5N	2, 507, 870	.....	..	..	..	..	x	..	..	x	x	x	x	x	x	x	x	x	x	x	..	..	..	..	..	..	..
Toiyabe National Forest.....	24N	2, 489, 181	.....	..	..	..	..	x	..	..	x	x	x	x	x	x	x	x	x	x	x	..	..	..	..	..	..	..
Inyo National Forest ((Nevada portion).....	56N	60, 576	.....	..	..	..	..	x	..	..	x	x	x	x	x	..	..	..	x	x	x	..	..	x	x	..	..	..
Eldorado National Forest (Nevada portion)....	29N	400	.....	..	..	..	..	x	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wilderness:																												
Jarbridge Wild Area (5).....	9N	64, 827	.....	..	..	..	..	x	..	..	x	x	..	..	..	..	x	..	x	x	x	x	x	x	x	..	..	x
Toiyabe Natural Area (5).....	50N	2, 236	.....	..	..	..	..	x	..	..	x	x	..	..	..	..	..	..	..	..	..	..	x	x	..	..	..	x
Wildlife areas:																												
Charles Sheldon Antelope Range and Refuge (Nevada portion).....	1N	578, 029	.....	..	..	..	..	..	..	x	..	x	..	..	..	..	..	..	..	..	..	..	..	..	x	x	..	..
Ruby Lake National Wildlife Refuge.....	12N	35, 698	.....	..	..	..	..	..	..	..	..	x	..	..	..	..	..	..	..	..	..	..	..	..	x	x	..	..
Anaho Island National Wildlife Refuge.....	36N	248	.....	..	..	..	..	..	..	..	..	x	..	..	..	..	..	..	..	..	..	..	..	..	..	x	..	..
Stillwater National Wildlife Refuge.....	38N	24, 203	.....	..	..	..	..	..	..	..	..	x	..	..	..	..	..	..	..	..	..	..	..	..	x	x	..	..
Fallon National Wildlife Refuge.....	39N	17, 902	.....	..	..	..	..	..	..	..	..	x	..	..	..	..	..	..	..	..	..	..	..	..	..	x	..	..
Desert Game Range National Wildlife Refuge...	67N	2, 188, 743	.....	..	..	..	..	..	..	x	..	x	..	..	..	..	..	..	..	..	..	..	..	..	x	x	..	..
Winnemucca National Wildlife Refuge.....	36N	9, 806	.....	..	..	..	..	..	..	..	..	x	..	..	..	..	..	..	..	..	..	..	..	..	x	x	..	..
STATE																												
Parks:																												
Cathedral Gorge State Park.....	60S	1, 579	.....	..	..	..	..	..	..	x	..	..	..	x	x	..	..	x	x	x	x	..	..	..	..	x	..	..
Beaver Dam State Park.....	63S	119	20	..	x	..	..	..	..	..	..	..	..	..	x	..	..	..	x	x	x	..	..	x	x	..	..	..
Valley of Fire State Park.....	64S	6, 560	163, 000	..	A	..	..	..	..	x	..	..	..	x	x	..	..	x	x	x	x	..	..	..	..	x	..	..
Recreation areas:																												
Wildhorse Reservoir (6).....	7S	5	M	..	A	..	x	..	..	..	..	..	..	..	x	x	..	..	x	..	x	x	x	x	x	..	..	..
Washoe Lake.....	26S	2	M	A	..	..	..	..	..	..	..	..	..	..	x	..	..	..	x	..	..	x	x	x	..	..	..	..
Lake Tahoe (Cave Rock Wayside).....	29S	2	120, 000	A	..	..	..	..	..	..	..	..	..	..	x	..	..	x	x	..	..	x	x	x	..	..	..	..
Kershaw-Ryan State Recreation Area.....	61S	240	.....	..	..	..	..	..	..	..	..	..	..	x	..	..	..	..	x	x	..	..	x	..	..	..	..	..
Hidden Forest (BLM).....	66S	4, 480	.....	..	..	..	x	..	..	x	x	..	x	x	x	..	x	..	x	x	x	..	..	..	x	x	..	..
Sterling Mountain (BLM).....	68S	73, 000	.....	..	..	..	..	..	..	..	x	x	x	x	x	..	x	..	x	x	x	..	..	..	x	x	..	x
Monuments:																												
Scientific: Ichthyosaur Scientific State Monument.....	48S	515	.....	..	..	..	x	..	x	x	..	x	x	x	..	..	..	x	x	..	x	..	..	..	..	x	..	..
Historic:																												
Mormon Station Historic State Monument...	30S	2	.....	..	..	..	..	..	..	..	..	x	..	..	..	..	..	x	x	..	..	..	..	..	..	..	..	..
Fort Churchill Historic State Monument (4)...	33S	200	.....	..	..	..	x	..	..	..	..	x	..	..	..	..	..	x	x	..	x	..	..	..	..	..	..	..
Ward Charcoal Ovens Historic State Monument.....	46S	40	.....	..	..	..	..	..	..	..	..	..	x	..	x	..	..	x	x	..	..	..	..	..	..	..	..	..
Beach: Sand Harbor Beach State Recreation Area (Lake Tahoe) (6).....	27S	9	120, 000	A	..	..	x	..	..	x	..	..	..	..	x	..	..	x	x	..	..	x	..	..	..	..	..	..
MAJOR LOCAL																												
Recreation area: Bowers Mansion.....	25L	46	.....	..	..	..	..	..	..	..	..	x	..	x	..	..	x	x	..	..	..	x	..	..	..	..	..	..
Scenic road: State 33.....	22S	30 mi.	.....	..	..	..	x	..	..	x	..	..	..	x	..	..	x	..	..	..	..	..	..	..	..	..	..	..
See footnotes at end of table.																												



NEVADA	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
MAJOR QUASI-PUBLIC AND PRIVATE																												
Recreation area: Pyramid Lake.....	20P	500+	L	x						x		x	x		x	x	x		x		x		x	x	x			
POTENTIAL AREAS																												
NATIONAL																												
Park: Great Basin.....	44N	123, 340						x	x		x	x	x	x		x	x	x	x	x	x				x		x	x
STATE																												
Parks:																												
High Rock Canyon.....	2S	5, 000							x				x	x	x	x		x	x	x	x							
Blue Lake.....	3S	640												x	x	x		x	x	x	x					x		
Lamoille Canyon (3).....	11S	160									x		x	x	x			x	x	x	x							
High Rock-Winnemucca.....	21S	50, 000							x					x	x			x	x	x	x							
Lake Tahoe.....	28S	12, 000	120, 000	A				x			x	x			x	x	x	x	x	x	x	x	x	x	x	x		
Wilson Canyon (3).....	51S	930				x								x	x			x	x	x		x						
Death Valley Overlook.....	59S	1, 000							x	x				x	x			x	x							x		
Potosi Mountains (3).....	72S	5, 000											x	x	x			x	x	x	x					x		
Recreation areas:																												
Wilson Dam.....	6S	800	M		x										x				x	x	x		x	x				
Trout Creek.....	16S	40				x									x	x		x	x	x	x							
Water Canyon (3).....	17S	640				x		x		x					x	x		x	x	x	x							
Rye Patch Reservoir.....	19S	1, 000	11, 000	A					x						x	x		x	x		x	x	x	x				
Carson River Crossing.....	31S	40				x									x	x		x	x	x				x				
Lahonton Reservoir.....	34S	2, 000	10, 000	A					x						x	x	x	x			x	x	x	x				
Singing Sands.....	41S	600							x						x	x		x	x	x								
Walker Lake.....	49S	2, 000	40, 000												x	x		x	x		x	x	x	x				
Topaz Lake.....	54S	300	1, 000	A											x	x		x	x		x	x	x	x				
Watasheama Reservoir.....	55S	1, 500	1, 600	A											x	x		x	x	x	x	x	x	x				
Colorado River.....	73S	1, 000				x				x					x	x	x	x	x	x	x	x	x	x				
Monuments:																												
Scientific:																												
Opal Fields (3).....	4S	800													x	x		x										
Beowave Geysers.....	15S	25											x	x	x			x	x									
Petroglyphs (3).....	35S	5											x	x	x			x										
Lovelock Cave (3).....	37S	100											x	x	x			x								x		
Petroglyphs (3).....	40S	5											x	x	x			x										
Lunar Craters.....	47S	10, 000													x	x	x	x	x	x	x							
Hudson Fossil (3).....	52S	4, 340											x	x	x			x	x									
Petrified Forest (3).....	57S	1, 000													x	x		x	x	x								
Historic:																												
Fort Halleck.....	10S	60											x		x			x	x									
Fort Ruby (4).....	13S	500											x		x			x										
Gravelly Ford.....	14S	20											x		x			x										
Star City (3).....	18S	640											x		x			x	x									
Virginia City (3) (4).....	32S	2											x		x			x	x									
Cold Creek Springs.....	42S	23											x		x			x	x									
Schellbourne.....	43S	400											x		x			x	x									
Goldfield Townsite (3).....	58S	600											x		x			x										
Rhyolite (3).....	70S	300											x	x	x			x	x	x								
Scenic roads:																												
Deeth-Jarbridge Road.....	8S	60 mi.									x				x	x		x										
State 27-28.....	23S	30 mi.						x			x				x	x	x	x										
State 3.....	53S	66 mi.									A				x	x	x		x									

See footnotes at end of table.

NEVADA	Number on map	Acreage		Significant features								Type of use		Activities														
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Scenic roads—Continued																												
Moapa-Beaver Dam Road.....	62S	105 mi.									x				x	x		x										
U.S. 95, State 29.....	69S	105 mi.									x				x	x		x										

- (7) Where acreage not shown:  
 "M" indicates water surface of 500 to 10,000 acres.  
 "L" indicates water surface over 10,000 acres.
- (2) An "A" indicates all or major portions of water surface acreage is adjacent to area.
- (3) Suggested area—qualification not wholly determined. Further study required.
- (4) Eligible for Registered National Historic Landmark status.
- (5) Acreage included in national forest.
- (6) Major additions recommended.
- BLM=Bureau of Land Management.

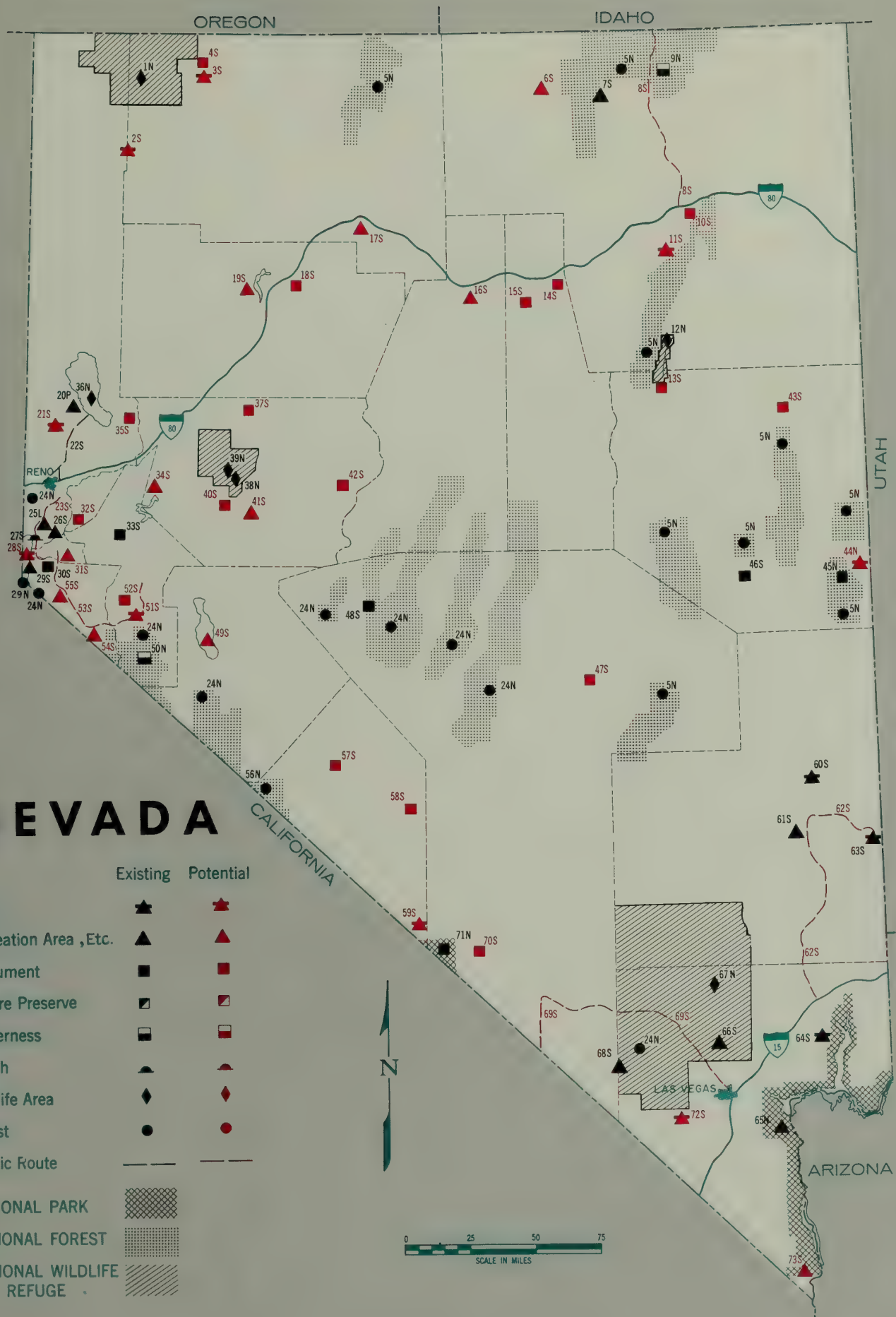


Lovelock cave near Humboldt Lake, Nevada, yielded an array of important ancient Indian artifacts.





Virginia City, Nevada, the historic mining center where the Comstock Lode brought a bonanza in silver.







# NEW MEXICO

**N**EW MEXICO embraces lofty mountain peaks and arid plains.

In the decade 1950-60 the State population increased 39.6 percent to 951,023, which averages 7.8 persons per square mile. However, the density ranges from less than 1 person per square mile in 2 counties to over 225 in Bernalillo County, which contains over 27 percent of the State's population. Albuquerque more than doubled its population in the decade to 201,189, making the State population 65.9 percent urban.

Tourism is the State's third largest industry, valued at more than \$200 million in 1958.

The topography varies from high, forested mountains, with heavy snow cover in winter and inviting trout streams, to semidesert plains which are comfortable in winter but hot and dry in summer. Generally clear weather favors year-round outdoor recreation. Historic sites and buildings, Indian cultures, and geological phenomena are outstanding resources.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers 1 national park of 45,846 acres that had an attendance of 573,000 in 1960 and 9 national monuments totaling 190,716 acres with a 1960 attendance of 1,127,000. The Forest Service administers 143 recreation sites totaling 1,860 acres and 7 wilderness areas comprising 977,880 acres in 7 forests of 8,565,190 acres; also 3 land-use areas with 345,000 acres. The Bureau of Reclamation administers six reservoirs containing 97,253 acres. The Corps of Engineers administers two reservoirs of 11,081 acres. The Bureau of Sport

Fisheries and Wildlife administers four national wildlife refuges containing 140,334 acres.

**STATE:** The State Park Commission administers nine parks totaling 6,733 acres. The 1960 attendance was 1,157,000. The State Game and Fish Department operates 31 wildlife refuges including 4 major recreation areas totaling 103,940 acres. The New Mexico State Museum administers seven monuments amounting to 758 acres and including Pecos Mission, a proposed national monument. The State Highway Department administers 240 waysides.

**LOCAL:** There are two local parks of 9,260 acres and three local recreation areas of 1,312 acres.

**QUASI-PUBLIC:** There are seven major quasi-public recreation areas totaling 129,658 acres of land and water.

**PRIVATE ENTERPRISE:** Private enterprise plays an important role in offering many services, concessions, and facilities throughout the State on both private and public lands.

## PARK AND RELATED NEEDS

The forecast of seven metropolitan areas by 1976 indicates need for immediate action by the State and by local communities to acquire known potential areas and program their future development. The existing need for more recreation opportunities in the Albuquerque area is compounded by out-of-state tourist travel. The metropolitan area of El Paso relies heavily upon New Mexico's recreation resources



and facilities. A program to provide scenic routes and waysides for pleasure driving is needed. There is a definite need to protect and make available to the public areas of historic, archeologic, and geologic value. There is need for the establishment of riding and hiking trails through mountain ranges and along major rivers.

Existing State areas provide 177,842 acres for the nearly 1 million residents, and local areas provide an additional 10,572 acres. Potential areas identified in this plan total 511,243 acres considered of State significance and 2,675 acres of local. If all of these potential areas were acquired and developed, they still could not be expected to satisfy the anticipated needs of the residents by 1976.

## RECOMMENDATIONS

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are made to help provide needed outdoor recreation opportunities for public enjoyment and use.

**NATIONAL:** Establishment of Valle Grande National Park (Jemez Crater) and Pecos National Monument, and study of the desirability of establishing Manuelito National Monument.

**STATE:** Expansion of operations of appropriate State agencies to preserve natural, scientific, and historic resources, and to provide for more recreation opportunities. Recommended are 18 parks, 44 recreation areas, 1 nature preserve, and 20 historic sites. Suggested for further study are two scientific monuments, three nature preserves, and one wilderness area.

Designation and provision of a system of scenic roads. Recommended are 68 sections of 59 routes.

Further study and investigation to establish cross-country hiking and riding trails through the more remote areas of the State.

Preservation of portions of the Rio Grande, Canadian, and Gila Rivers as free-flowing streams and consideration of this status for portions of the Pecos River.

**LOCAL:** Establishment of additional recreation areas to meet local needs. Nine areas are recommended.

Supporting recommendations include—

1. Improvement of existing waysides and provision of additional waysides to meet tourist and resident pleasure-driving needs.
2. Provision of more public recreation lands at important reservoirs.
3. Increased acreages of existing areas wherever feasible, especially in the Albuquerque area.



The Pecos pueblo and mission reveal the way of life of an ancient Indian people and the faith and courage of Spanish missionaries. Now a State monument, Pecos merits inclusion in the National Park System.

NEW MEXICO	Number on map	Acreage		Significant features								Type of use				Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Park: Carlsbad Caverns National Park.....	228N	45,846								x				x		x	x	x	x							x			
Recreation areas:																													
El Vado Reservoir.....	31N	14,000	3,000	A							x	x		x	x		x	x	x	x	x	x	x	x	x	x			
Mills Canyon Unit Land Utilization Area (7)...	71N	160,000			A						x	x		x	x		x	x	x	x				x	x	x			
Union County Unit Land Utilization Area (7)...	81N	180,000				x			x			x			x			x	x	x					x	x			
Conchas Dam and Reservoir.....	87N	11,081	9,600	A						x	x				x	x		x	x	x	x	x	x	x		x			
Jemez Canyon Reservoir (5).....	117N		S	A						x					x			x	x							x			
Alamogordo Reservoir.....	154N	9,850	4,650	A				x	x		x					x		x	x	x	x	x	x	x	x	x			
Curry County Unit Land Utilization Area (7)...	156N	5,000							x			x			x			x	x	x						x	x		
Elephant Butte Reservoir.....	184N	40,096	17,000		x			x		x	x	x			x	x		x	x	x	x	x	x	x	x	x			
Caballo Reservoir.....	186N	11,532	6,734		x					x					x			x	x	x	x	x	x	x	x	x			
McMillan Reservoir.....	230N	21,775	5,100	A								x			x			x	x	x	x	x	x	x	x	x			
Avalon Reservoir (5).....	231N		1,000	A											x	x		x	x	x	x	x	x	x	x	x			
Monuments:																													
Scientific:																													
Capulin Mountain National Monument.....	73N	680						x	x	x	x		x	x		x	x	x	x	x	x					x			
White Sands National Monument.....	221N	140,247								x					x	x		x	x	x	x					x		x	
Historic:																													
Aztec Ruins National Monument.....	6N	27											x	x				x								x			
Chaco Canyon National Monument.....	7N	20,989						x		x	x		x	x		x	x	x	x	x	x					x			
Fort Union National Monument.....	92N	720							x		x		x		x			x	x	x	x					x			
Bandelier National Monument.....	113N	27,049						x			x		x	x	x	x	x	x	x	x	x					x			
El Morro National Monument.....	127N	881							x				x	x		x	x	x	x	x	x					x			
Gran Quivira National Monument.....	151N	611						x		x	x	x	x		x			x	x							x			
Gila Cliff Dwellings National Monument....	195N	160						x			x	x	x	x		x	x	x		x	x					x			
Forests:																													
Carson National Forest.....	15N	1,225,408	457	x	x	x		x			x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	
Santa Fe National Forest.....	21N	1,233,419	455	x	x	x		x			x	x	x	x	x	x		x	x	x	x			x	x	x	x	x	
Cibola National Forest.....	112N	1,690,738	14	x	x	x		x			x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	
Lincoln National Forest.....	170N	1,087,909	42	x	x	x		x			x	x	x	x		x		x	x	x	x			x	x	x	x	x	
Gila National Forest.....	198N	2,715,706	581			x		x			x	x	x	x		x		x	x	x	x			x	x	x	x	x	
Apache National Forest.....	200N	542,443	5			x		x			x	x		x		x		x	x	x	x			x	x	x		x	
Coronado National Forest.....	240N	69,567	S	x		x		x			x	x		x		x		x	x		x				x			x	
Wilderness:																													
San Pedro Parks (7).....	23N	41,132	S	x		x		x			x	x	x	x		x		x		x	x				x	x	x	x	
Monument Canyon Area (7).....	28N	640						x			x	x				x		x		x	x				x	x	x	x	
Wheeler Peak Area (7).....	47N	6,000	S	x		x		x			x	x		x	x	x		x	x	x	x	x			x	x	x	x	
Pecos (7).....	100N	165,000	S	x				x			x	x	x	x	x	x	x		x	x					x	x	x	x	
White Mountain (7).....	175N	28,118	S	x				x			x	x				x		x		x	x				x	x	x	x	
Black Range (7).....	190N	169,000						x			x	x	x	x		x	x	x		x	x				x	x	x	x	
Gila 1 and 2 (7).....	196N	567,990						x			x	x	x	x		x	x	x		x	x				x	x	x	x	
Wildlife areas:																													
Burford Lake.....	24N	1,845	900	x				x	x		x	x				x		x	x	x	x	x			x	x	x		
Bitter Lake (5).....	161N	24,083	100	x										x	x			x	x	x					x		x		
Bosque Del Apache.....	180N	57,191	S			x				x		x			x			x	x	x	x				x	x	x		
San Andres.....	220N	57,215						x		x	x	x			x			x	x	x	x				x	x			
STATE																													
Parks:																													
Kit Carson Memorial State Park.....	46S	19						x			x		x		x	x		x	x							x	x		
Conchas Dam State Park.....	86S	12,240	9,600	A				x		x	x			x	x	x		x	x	x	x	x	x	x		x			
Storrie Lake State Park.....	96S	1,084	1,000	A					x		x	x			x	x		x	x	x	x	x			x				
See footnotes at end of table.																													

See footnotes at end of table.



# NEW MEXICO

NEW MEXICO	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Parks—Continued																												
Hyde State Park.....	103S	1, 135					x			x	x			x	x	x	x	x	x	x						x	x	
Bluewater Lake State Park.....	126S	3, 900	3, 500	A			x		x	x	x		x	x	x		x	x	x	x	x	x				x		
Oasis State Park.....	157S	160						x				x		x				x										
Bottomless Lakes State Park.....	160S	1, 611	30	x					x				x	x	x		x	x	x	x	x	x	x			x		
City of Rocks State Park.....	207S	680	S						x				x	x	x		x	x								x		
Pancho Villa State Park.....	236S	34										x						x								x		
Recreation areas:																												
Navajo Reservoir.....	14S	18, 100	15, 600	A			x		x	x	x				x		x	x	x	x	x			x		x		
Cimarron Canyon.....	56S	33, 324			x		x			x	x			x	x		x	x	x	x			x	x	x	x		
Wagon Mound Lake.....	60S	737	S	x				x			x		x	x			x	x		x			x		x		x	
Clayton Lake.....	79S	200	160	x					x					x			x	x	x				x	x	x			
Monuments: Historic:																												
Pecos State Monument (6).....	101S	80					x		x	x		x		x			x	x								x		
El Palacio State Monument (6).....	107S	1									x		x		x			x										
Coronado State Monument.....	118S	640									x		x		x			x	x							x		
Jemez State Monument.....	119S	1					x			x	x		x		x			x	x							x		
Abo State Monument.....	148S	20					x			x		x		x			x	x								x		
Quarai State Monument.....	149S	15					x			x		x		x			x	x								x		
Lincoln County Courthouse (6).....	166S	1										x						x	x							x		
Wildlife areas:																												
Stubblefield Lake.....	61S	6, 160	982	A				x			x								x				x	x	x		x	
Fenton Lake.....	120S	300	37		x			x			x	x			x				x	x	x	x			x	x	x	
Heart Bar Ranch.....	193S	93, 000	S	x		x		x	x	x	x	x							x			x				x		
Cloudcroft.....	222S	4, 480	S	x				x			x	x			x				x	x	x	x			x	x		
MAJOR LOCAL																												
Parks:																												
Sugarite Canyon.....	68L	9, 000				x		x			x	x			x			x	x		x		x	x		x		
Tucumcari Metropolitan Park.....	84L	260													x			x	x				x			x		
Recreation areas:																												
Stubblefield Reservoir (5).....	63L		982		x			x							x			x	x	x	x	x		x		x		
Reserve No. 13.....	65L	330	326	A			x			x	x			x			x	x	x	x	x		x		x			
Running Water Draw (5).....	158L				A			x	x					x			x	x		x						x		
MAJOR QUASI-PUBLIC AND PRIVATE																												
Recreation areas:																												
Black Lake (5).....	53P		70	x				x			x	x			x			x	x	x	x	x		x		x		
Eagle Nest Lake.....	54P	1, 832	1, 400	x				x			x	x			x	x		x	x	x	x	x		x	x	x		
Philmont Scout Ranch.....	57P	127, 000						x			x	x			x	x	x	x	x	x		x	x	x	x			
Miami Reservoir (5).....	58P		190		x			x			x	x			x			x	x	x	x	x		x		x		
Springer Lake.....	64P	500	450	x						x		x			x			x	x	x	x	x		x		x		
Abbott Lakes (5).....	69P		36	x					x			x		x	x			x				x	x		x		x	
Snyder Lake.....	78P	30	20	x				x						x	x			x	x	x	x	x		x		x		
POTENTIAL AREAS																												
NATIONAL																												
Monuments:																												
Scientific:																												
Jemez Crater (8).....	116N	17, 360					x			x	x	x	x	x	x	x	x	x	x	x	x			x		x		
Manuelito (3).....	131N	26, 000							x		x	x	x	x	x	x	x	x	x	x	x					x		
Historic: Pecos.....	101N	80					x		x	x		x		x		x		x										

See footnotes at end of table.

## NEW MEXICO

POTENTIAL AREAS—Continued STATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</
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See footnotes at end of table.



## NEW MEXICO

NEW MEXICO	Number on map	Acreage		Significant features									Type of use				Activities											
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Recreation areas—Continued																												
Mimbres Hot Springs.....	209S	50				x						x							x		x		x					
Rio Grande Riverside No. 2.....	213S	20			A				x						x			x	x									
Rio Grande River Recreation Area.....	215S	140			x				x						x			x	x	x	x							
Rio Grande Riverside No. 1.....	216S	45			A				x						x			x	x						x		x	
Mesilla Park (5).....	217S				A				x		x		x	x				x						x	x	x		
La Cueva.....	218S	596	516		A										x			x	x		x	x		x				
Rocky Arroyo Site.....	229S	40			A		x		x						x			x	x	x	x		x					
Red Bluff Lake.....	232S	11,850	11,700	A					x						x			x	x	x	x	x	x	x				
John Easley Lake.....	234S	40	S	A				x							x				x			x	x	x				
Monuments:																												
Scientific:																												
Socorro Caves (3).....	181S	80										x	x	x				x	x	x								
Tortugas Mountain (3).....	219S	80						x		x	x	x		x	x				x							x		
Historic:																												
San Raphael Canyon Ruins.....	26S	640								x		x						x	x	x							x	
Taos Pueblo.....	45S	100			x					x		x																
Elizabethtown.....	52S	10			A		x			x	x	x	x	x				x	x	x	x			x	x	x		
Clifton House.....	67S	35			A		x					x		x				x	x	x	x				x	x	x	
Folsom Man.....	72S	1			A		x			x	x		x	x				x	x									
Canadian River.....	90S	30			A		x			x	x	x	x	x					x	x	x	x			x		x	
Fort Marcy.....	105S	10								x		x		x				x	x									
Cabezon Ghost Town.....	121S	30								x		x		x				x	x	x	x							
Ceboyeta Area.....	122S	40			A							x		x				x	x	x	x			x				
Hawikuh (6).....	133S	10										x			x	x		x	x	x	x							
Red Lake Ruins.....	140S	160						x			x	x	x	x				x	x	x						x		
Acoma Pueblo.....	141S	45										x		x				x										
Chilili.....	150S	80			x							x		x				x	x	x	x							
White Oaks Ghost Town.....	172S	15								x		x		x				x	x	x							x	
San Antonio Area.....	179S	20										x		x				x	x									
Valverde Battlefield (5).....	182S											x		x				x	x									
Fort Craig.....	183S	5										x		x				x	x	x							x	
Fort Cummings.....	210S	5										x		x				x	x	x							x	
Fort Selden.....	212S	5										x		x				x	x	x							x	
Mesilla Plaza (6).....	214S	10										x						x										
Nature preserves:																												
Boulder Lake (3) (5).....	25S		S	x						x	x				x			x	x	x	x			x		x		
Lava Flow Area (3) (5).....	139S											x		x	x			x	x	x	x						x	
Malpais.....	177S	102,400						x				x				x		x	x	x	x						x	
Desert Grasslands Area (3).....	204S	320							x			x		x				x	x	x	x						x	
Wilderness: Vermejo Park (3).....	59S	350,000	S	x		x		x		x	x	x	x	x	x			x	x	x	x	x			x	x	x	
Scenic roads:																												
State Highway No. 504: Northwest boundary																												
State line-Shiprock.....	2S	22 mi.			A				x		x		x	x				x								x	x	
U.S. 550: Shiprock-North boundary State line..	3S	58 mi.			A				x		x		x	x				x								x	x	
State Highway No. 789: Shiprock-North boundary State line.....	4S	15 mi.							x		x		x	x				x									x	
State Highway No. 44: 11 mi. West Cuba-Bernalillo-Junction State 10.....	17S	100 mi.							x	x	x		x	x				x	x	x	x					x	x	
State Highway No. 17: 5 mi. East Carson National Forest boundary-Junction U.S. 84.....	19S	31 mi.						x			x	x		x	x			x	x	x	x				x	x	x	
State Highway No. 96: La Jara-Junction U.S. 84.....	20S	47 mi.						x			x	x	x	x	x			x	x	x	x				x	x	x	

See footnotes at end of table.

NEW MEXICO

NEW MEXICO	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Scenic roads—Continued																												
State Highway No. 126: Junction at Cuba-Junction State No. 4.....	22S	40 mi.						x			x	x	x	x	x		x	x	x	x				x	x	x		
U.S. 84: North boundary State line-Espanola...	27S	104 mi.							x		x			x	x		x	x	x	x				x	x	x		
State Road (unnumbered): Junction at U.S. 84-Vallecitos.....	32S	27 mi.						x			x	x		x	x		x	x	x	x					x	x		
State Highway No. 111: Ojo Caliente-Tres Piedras.....	34S	37 mi.						x			x	x		x	x		x	x	x	x				x	x	x		
U.S. 285.....	36S																											
North boundary State line-Espanola.....		80 mi.							x		x			x			x	x	x	x				x	x	x		
Junction U.S. 84-85-Junction State No. 41.....		10 mi.							x	x	x	x		x			x	x		x				x	x	x		
State Highway No. 76: Chimayo-Penasco.....	37S	31 mi.						x			x	x		x			x	x	x	x				x	x	x		
State Highway No. 75: Embudo-Penasco.....	38S	20 mi.									x		x		x		x	x	x						x	x		
State Highway No. 3: North boundary State line-Las Vegas.....	40S	121 mi.						x			x	x	x		x		x	x	x	x				x	x	x		
State Highway No. 38: Questo-Eagle Nest.....	43S	32 mi.						x			x	x	x		x		x	x	x	x				x	x	x		
U.S. 64: Taos-Junction U.S. 85; Raton-Grenville.....	44S	151 mi.						x	x		x	x			x		x	x	x	x				x	x	x	x	
U.S. 85: Junction U.S. 64-North boundary State line.....	62S	22 mi.						x			x	x	x	x	x		x	x	x						x	x	x	
Las Vegas-Springer.....		42 mi.						x				x			x		x	x							x	x		
Las Vegas-Santa Fe.....		55 mi.							x		x	x	x	x	x		x	x							x	x		
Socorro County line-Caballo.....		45 mi.							x	x	x			x	x		x	x		x	x	x	x	x	x	x		
State Highway No. 325: Capulin-East boundary State line.....	74S	71 mi.						x			x			x	x		x	x	x	x				x	x	x		
U.S. 56: Gladstone-Clayton.....	77S	40 mi.						x				x		x	x		x	x	x						x	x		
U.S. 66.....	82S																											
East boundary State line-Tucumcari.....		40 mi.						x			x			x	x		x	x							x	x		
Albuquerque-Casa Blanca.....		61 mi.							x				x	x	x		x	x							x	x		
Gallup-West boundary State line.....		17 mi.							x				x	x	x		x	x	x						x	x		
State Highway No. 65: Mosquero-Las Vegas...	85S	96 mi.						x	x		x			x	x		x	x	x	x				x	x	x		
State Highway No. 104: Junction State 129-Junction State 65.....	88S	25 mi.							x		x			x	x		x	x	x	x	x	x	x	x	x	x		
State Highway No. 120: Roy-Wagon Mound...	89S	35 mi.						x			x			x	x		x	x	x	x				x	x	x		
State Road (unnumbered): Santa Fe-Hyde Park and Ski Basin.....	102S	13 mi.						x			x	x			x		x	x	x	x				x	x	x	x	
State Highway No. 41: Junction U.S. 285-Moriarty.....	104S	27 mi.						x			x	x		x			x	x							x	x		
State Highway No. 4: Pojoaque-San Ysidro.....	108S	100 mi.						x			x	x	x	x	x		x	x	x	x				x	x	x	x	
State Highway No. 10: Junction U.S. 85-Junction U.S. 60.....	109S	103 mi.						x	x		x	x		x	x		x	x	x	x				x	x	x	x	
State Highway No. 22: Junction U.S. 85-Junction State No. 10.....	111S	20 mi.						x			x	x		x	x		x	x	x	x					x	x		
State Highway No. 53: San Mateo-West boundary State line.....	123S	118 mi.						x	x	x	x	x	x	x	x		x	x	x	x					x	x		
State Highway No. 56: Thoreau-Crownpoint...	125S	26 mi.						x	x	x		x		x	x		x									x		
State Highway No. 32.....	129S																											
Junction State No. 53-Gallup.....		29 mi.						x			x	x	x	x	x		x	x	x	x					x	x		
Junction U.S. 60-Apache Creek.....		38 mi.						x	x		x	x		x	x		x	x	x	x					x	x		
State Highway No. 68: Junction U.S. 666-West boundary State line.....	130S	17 mi.							x		x	x		x			x	x							x	x		
U.S. 60: West boundary State line-Socorro...	132S	143 mi.						x	x		x			x	x		x	x							x	x		
State Highway No. 12: Datil-Junction U.S. 260...	138S	75 mi.						x	x		x	x		x	x		x	x						x	x	x		

See footnotes at end of table.



# NEW MEXICO

NEW MEXICO	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Scenic roads—Continued																												
State Highway No. 52: U.S. 60 Junction-Junction State No. 59	143S	51 mi.						x			x	x		x	x					x	x					x	x	
U.S. 54: Vaughn-Carrizozo	152S	33 mi.							x			x		x	x				x	x	x	x					x	x
U.S. 380: Roswell-Bingham	163S	89 mi.						x	x	x	x	x	x	x	x				x	x	x	x					x	x
State Highway Nos. 48 and 368: Tinnie-Capitan (Loop)	164S	58 mi.						x			x	x			x				x	x	x	x					x	x
U.S. 70	165S																											
Hondo-Tularosa		57 mi.						x		x	x	x		x	x				x	x	x	x				x	x	x
West boundary area		10 mi.								x	x	x		x	x				x	x	x	x					x	x
20 mi. West Las Cruces-Alamogordo		70 mi.								x		x			x				x									
State Road (unnumbered): Junction with State No. 48-Junction U.S. 54	167S	45 mi.								x	x	x		x	x						x	x					x	x
State Road (unnumbered): Capitan-Angus	168S	10 mi.						x			x	x		x	x				x	x	x	x				x	x	x
State Highway No. 37: Ruidoso-Junction U.S. 380	171S	28 mi.						x			x	x		x	x				x	x	x	x				x	x	x
State Highway No. 24: Mescalero-Dunken	173S	89 mi.						x		x	x	x		x	x					x	x	x					x	x
State Highway No. 180: Caballo-Lordsburg	188S	104 mi.						x	x	x	x	x		x	x				x	x	x	x				x	x	x
State Highway No. 59: Junction State No. 52-Junction State No. 61	189S	32 mi.						x			x	x		x	x				x	x	x	x				x	x	x
State Highway No. 61: Junction State No. 59-Junction U.S. 260	191S	83 mi.						x			x	x		x	x				x	x	x	x				x	x	x
State Highway No. 25: Junction State No. 61-Silver City	192S	37 mi.						x			x	x		x	x				x	x	x	x				x	x	x
U.S. 260: Silver City-West boundary State line	201S	124 mi.						x			x	x		x	x				x	x	x	x				x	x	x
U.S. 80: Rodeo-Lordsburg	202S	40 mi.								x				x	x				x									
State Highway No. 81: U.S. and Mexican border-U.S. 70 and 80	203S	66 mi.							x	x		x			x												x	x
State Highway No. 83: Alamogordo-Lower Penasco-Junction State 24	223S	54 mi.						x		x	x	x		x	x				x	x	x	x					x	x
State Road (unnumbered): Loop Road Junction with State No. 24	224S	11 mi.						A	x		x	x			x				x	x	x	x				x	x	x
State Highway No. 130: Junction State No. 24-Junction State No. 83	225S	5 mi.						A	x		x	x			x				x	x	x	x				x	x	x
State Road (unnumbered): Junction State No. 24-through Guadalupe Mountains-Texas border	226S	60 mi.						x		x	x	x		x						x	x						x	x
State Highway No. 7: Texas-New Mexico Border-Carlsbad	227S	27 mi.								x	x	x		x	x				x	x	x						x	x
U.S. 62-180: Hobbs-East boundary State line	235S	5 mi.							x			x			x				x									x
State Highway No. 79: Junction State No. 81-Cloverdale	237S	26 mi.							x	x	x	x		x						x	x	x					x	x
State Highway No. 338: Junction State No. 79-North 9 mi	238S	9 mi.							x	x	x	x		x						x	x						x	x
State Road (unnumbered): Junction State No. 338-West boundary State line	239S	15 mi.								x	x	x		x							x	x					x	x
Free-flowing streams:																												
Rio Grande River	35S	110 mi.					x			x	x	x		x	x				x	x	x	x	x				x	x
Canadian River	66S	95 mi.					x			x	x		x		x	x			x	x	x	x	x				x	x
Gila River	194S	90 mi.					x			x	x	x	x	x	x	x	x		x	x							x	x
LOCAL																												
Recreation areas:																												
Meadows Reservoir	5L	40	S	A								x		x	x	x			x	x	x	x	x				x	
Valdez Reservoir	41L	50	S	A											x				x	x							x	

See footnotes at end of table.

NEW MEXICO	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
LOCAL—Continued																												
Recreation areas—Continued																												
Indian Camp Reservoir.....	42L	50	S	A											x			x	x					x				
Los Esteros Reservoir.....	91L	2,000	S	A											x	x		x	x	x	x		x	x		x		
Gallinas Reservoir.....	95L	285	S	A											x			x	x		x		x		x			
Nambe Falls Reservoir.....	106L	50	S	A				x							x			x	x				x					
Mescalero Reservoir.....	174L	20	S	A											x			x	x				x					
Rock Canyon Reservoir.....	208L	100	S	A											x			x	x		x		x		x			
Malaga.....	233L	80						x							x			x	x				x		x			

- (1) Where water surface acreage not shown:  
 "S" indicates water area under 500 acres.  
 "M" indicates water area of 500 to 10,000 acres.

(2) An "A" indicates all or major portions of water surface adjacent to area.

(3) Suggested area—qualifications not wholly determined. Further study required.

(4) Four Corners Tribal Park—total acreage of 1,000 divided equally between 4 States.
- (5) Land acreage not determined.

(6) Eligible for Registered Historic Landmark status.

(7) Acreage included in forest totals.

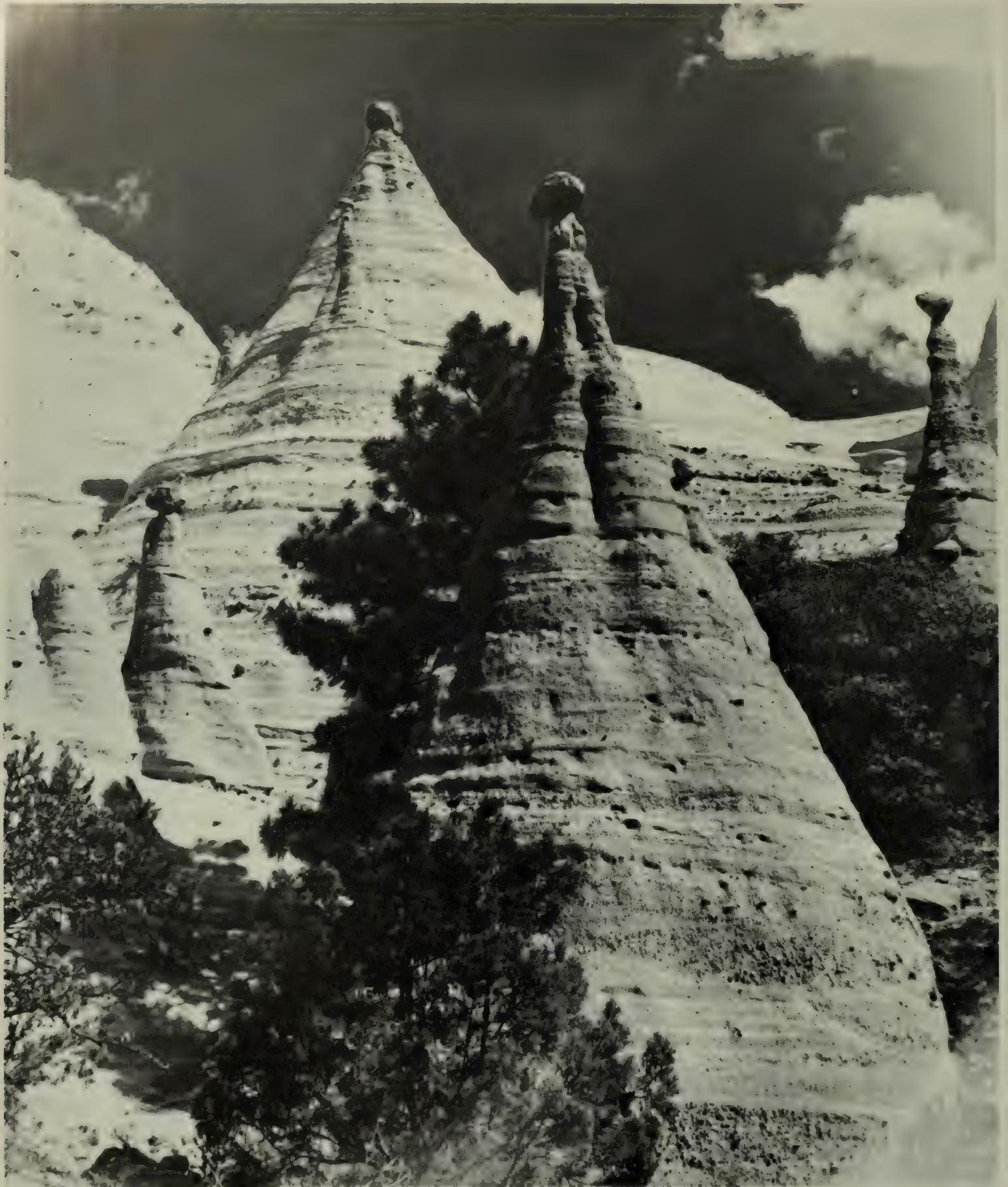
(8) Since proposed as Valle Grande National Park.



Skiers enjoy an unusual snowfall in the Jemez Crater, New Mexico, proposed as Valle Grande National Park.

WILLIAM H. REGAN, LOS ALAMOS SCIENTIFIC LABORATORY.

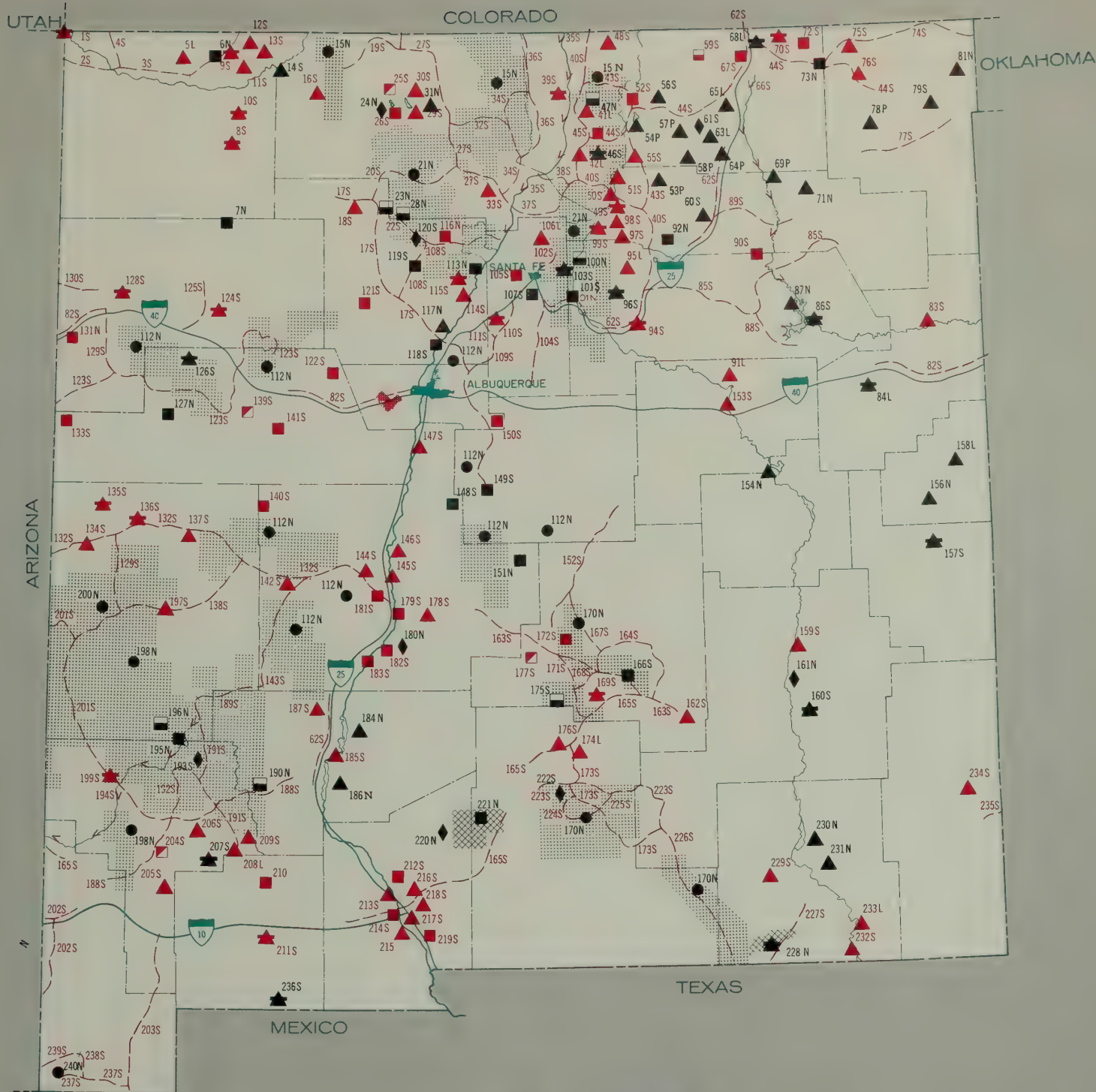




The grotesque Tent Rocks in northern New Mexico, deposits of volcanic ash eroded into weird formations, would make a significant State park.

NEW MEXICO DEPARTMENT OF DEVELOPMENT.






# NEW MEXICO







 REGON, with its 312 miles of rugged, scenic coastline, the great Cascade range, and other forested mountains, is a major outdoor recreation State.

The State's population was 1,768,687 in 1960, a 16-percent increase from 1950. It is predicted the 1976 population will be 2,415,000. The urban population increased 34 percent in the last decade. A large portion of this increase occurred in the Portland metropolitan area, which had a 1960 population of 821,897. Eastern Oregon is sparsely settled, with some sections averaging less than one person per square mile.

Recreation activities stand third in the economy, behind lumbering and agriculture. The income from tourist travel in 1960 was estimated to be \$170 million. This source of income has a great expansion potential because of Oregon's wealth of scenic and recreation resources.

An excellent State highway system provides access to all principal recreation regions in the State. Out-of-State visitors traveling by air, train, and bus are served by major airlines, three major railroads, and two bus systems.

In addition to mountains and seacoast, Oregon's abundant recreation resources include the Columbia River Gorge, the Rogue and other large rivers, numerous mountain lakes, and some 30 million acres of ponderosa pine and Douglas-fir forests. Fishing, especially for salmon and steelhead, and big game hunting are of national interest. There are numerous sites associated with prehistoric Indians and westward expansion. Fort Rock Cave and Fort Astoria possess exceptional value in the history of the United States.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers one national park, one national monument, and one national memorial totaling 160,895 acres. The 1960 attendance was 499,000. There are 15 national forests containing 15,741,971 acres administered by the Forest Service. Included in these national forests are 523 recreation areas consisting of 2,822 acres; 17 winter sports areas, 1,685 acres; 10 wilderness, wild, and primitive areas, 749,227 acres; the Oregon Skyline Trail portion of the Pacific Crest Trail system; and the lower part of the Rogue River Trail. The 1960 attendance figure for these areas was 6,280,000. The Corps of Engineers administers 49,008 land and water acres in three reservoirs. The Bureau of Land Management manages eight recreation sites on Oregon and California revested railroad lands and 20 miles of the Rogue River Trail. An additional 17 recreation sites are now under construction. The Bureau of Sport Fisheries and Wildlife administers 11 national wildlife refuges totaling 445,753 acres. The 1960 attendance was 39,360. There is one national historic site in private ownership.

**STATE:** The State Parks and Recreation Division administers 153 areas on 59,991 acres. The 1960 attendance was 11,538,000. The State Game Commission manages 16 wildlife areas of 73,313 acres and 104 fishing access sites. There is one established State forest of 71,644 acres and 697,842 acres of additional forest land under the administration of the State Board of Forestry. The State Highway Department has 67 highway rest stops, scenic overlooks, and small picnic areas.





U.S. 101 in Oregon, following one of the world's most spectacular coastlines, is suggested for development as a scenic road.

OREGON STATE HIGHWAY DEPARTMENT.



**LOCAL:** Sixteen county park departments have 116 parks totaling 7,464 acres. Nine municipalities have developed 10 nonurban parks on 7,129 acres.

**PRIVATE ENTERPRISE:** Timber companies and private power companies provide recreation facilities on their lands and reservoirs that are significant contributions to Oregon's overall recreation picture.

## **PARK AND RELATED NEEDS**

There is need for the preservation of additional shorelands along the ocean, designation and protection of sections of some major rivers in free-flowing condition, and the provision of additional recreation opportunities in the Cascade Mountains. A shortage of day- and weekend-use parks and recreation areas exists near the Portland urban area and in eastern Oregon. Additional recreation facilities are needed on Columbia River reservoirs. The State park system is well established and operated. It might be strengthened by expansion, better distribution, and variety. The State has several historical parks which are well marked, but might be made more useful through interpretation. The University of Oregon is active in archeological research, but there is need for better site preservation; vandalism is extensive. Consideration should be given to the establishment of canoe trails, parkways, and scenic routes.

Existing and potential State areas identified in this plan total 173,641 acres; however, a large percentage of the potential park acreage is in nine areas in eastern Oregon not readily accessible to large urban centers. Additional State and local recreation areas will be needed to serve these centers.

## **RECOMMENDATIONS**

Existing recreation resources and many potential areas are shown on the accompanying tabulation and

map. The following recommendations are offered to help provide needed outdoor recreation opportunities for public enjoyment and use.

**NATIONAL:** Establishment of the proposed Oregon Dunes National Seashore and study of the desirability of establishing a Rogue National River.

**STATE:** Enlargement of the State park system by adding 1,670 acres to 3 existing parks and the addition of 2 new parks, 4 recreation areas, and 8 beaches; also further study of 5 other potential parks, 8 recreation areas, 5 scientific monuments, 5 historic monuments, 2 nature preserves, and 4 scenic roads. Designation and protection of a State parkway, five free-flowing streams, and one canoe trail on the Rogue River. Further study of 11 canoe trails and the Pacific Coast Foot Trail.

**LOCAL:** Establishment of additional county and municipal parks, recreation areas, and beaches. Recommended are one park, three recreation areas, and one beach. Further study is needed on 11 recreation areas.

Supporting recommendations include—

1. Broadening the present policy which tends to limit establishment of new State parks to along highways. This would permit expansion of the system to include all areas of statewide significance regardless of location. Those small State parks which are not logical units of the State park system might be transferred to other appropriate jurisdiction.
2. A study to determine the possibility of developing a hiking trail along the Oregon coast. This could be one of the outstanding trails in the country.
3. Provision of additional recreation facilities at nine important reservoirs.



## OREGON

## EXISTING AREAS

## FEDERAL

Park: Crater Lake National Park.....	192N	160, 290	12, 800	x				x			x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Recreation areas:																												
McNary Reservoir.....	63N	38, 043	38, 000		x									x			x	x			x	x	x					
Fern Ridge Reservoir.....	139N	9, 385	9, 360		x									x			x				x	x	x	x				
Cottage Grove Reservoir.....	141N	1, 580	1, 140		x									x			x				x	x	x					
Monuments:																												
Scientific: Oregon Caves National Monument..	237N	480												x	x	x	x	x	x	x								
Historic: Fort Clatsop National Memorial .....	18N	125				A						x			x		x	x										
Forests:																												
Mount Hood National Forest.....	49N	1, 115, 327	M					x			x				x	x	x	x	x	x	x	x	x		x	x	x	x
Umatilla National Forest (Oregon portion).....	70N	1, 075, 959	S					x			x				x	x	x	x	x	x	x	x		x	x			x
Wallowa National Forest.....	76N	979, 279	S	x		A		x			x			x	x	x	x	x	x	x	x			x	x	x		x
Whitman National Forest.....	79N	1, 511, 613	M	x				x			x				x	x	x	x	x	x	x			x	x			x
Siuslaw National Forest.....	130N	622, 180	M					x	x						x	x	x	x	x	x	x	x	x	x	x	x		
Willamette National Forest.....	152N	1, 665, 835	M	x		x		x			x				x	x	x	x	x	x	x	x	x	x	x	x	x	x
Deschutes National Forest.....	157N	1, 659, 380			x			x			x				x	x	x	x	x	x	x	x	x	x	x	x	x	x
Ochoco National Forest.....	171N	845, 880	S					x			x				x	x	x	x	x	x	x			x	x	x		x
Malheur National Forest.....	172N	1, 204, 834	S					x			x				x	x	x	x	x	x	x			x	x	x		x
Winema National Forest.....	190N	908, 963	M	x				x			x				x	x		x	x	x	x	x	x	x	x	x		
Umpqua National Forest.....	194N	983, 982	M	x		x		x			x				x	x	x	x	x	x	x	x	x	x	x	x	x	x
Siskiyou National Forest.....	231N	1, 047, 101	S			x		x			x	x			x	x	x	x	x	x	x	x		x	x	x		x
Klamath National Forest (Oregon portion).....	243N	29, 795	S					x							x	x		x			x			x				
Rogue River National Forest.....	250N	837, 235	M	x		x		x			x				x	x	x	x	x	x	x	x	x	x	x	x	x	x
Fremont National Forest.....	260N	1, 254, 608	M	x				x			x				x	x	x	x	x	x	x	x	x	x	x	x	x	x
Wilderness:																												
Mount Hood Wild Area (5).....	51N	14, 160	S	x				x			x	x			x	x	x			x	x			x	x			x
Eagle Cap Wilderness Area (5).....	74N	216, 250	M	x		x		x			x	x			x	x	x	x			x	x			x	x		
Mount Jefferson Primitive Area (5).....	89N	86, 700	M	x		x		x			x	x			x	x	x	x			x	x			x	x		
Mount Washington Wild Area (5).....	154N	46, 655	M	x		x		x			x	x			x	x	x	x			x	x			x	x		
Three Sisters Wilderness Area (5).....	155N	196, 708	M	x		x		x			x	x			x	x	x	x			x	x			x	x		
Strawberry Mountain Wild Area (5).....	173N	33, 004	S	x				x			x	x			x	x	x	x			x	x			x	x		
Diamond Peak Wild Area (5).....	193N	35, 440	M	x				x			x	x			x	x	x	x			x	x			x	x		
Kalmiopsis Wild Area (5).....	230N	78, 530	S	x				x			x	x			x	x	x			x	x			x	x	x		
Mountain Lakes Wild Area (5).....	251N	23, 071	M	x				x			x	x			x	x	x			x	x			x	x			
Gearhart Mounatin Wild Area (5).....	259N	18, 709	S	x				x			x	x			x	x	x			x	x			x	x			
Wildlife areas:																												
Cape Meares National Wildlife Refuge.....	11N	139						x				x															x	
Three Arch Rocks National Wildlife Refuge.....	11N	17						x				x															x	
Cold Springs National Wildlife Refuge.....	61N	3, 117	1, 550		x							x			x					x				x		x		
McKay Creek National Wildlife Refuge.....	66N	1, 837	1, 286		x							x			x									x		x		
Malheur National Wildlife Refuge.....	186N	184, 872	56, 000	x		x						x			x				x		x			x	x	x		
Klamath Forest National Wildlife Refuge.....	191N	15, 226						x				x			x													
Oregon Islands National Wildlife Refuge.....	225N	21						x				x															x	
Upper Klamath National Wildlife Refuge.....	252N	15, 226	68, 200		A							x			x										x	x	x	
Lower Klamath National Wildlife Refuge (Oregon portion).....	256N	1, 340										x			x						x					x	x	
Hart Mountain National Antelope Refuge.....	265N	240, 664										x	x			x					x					x	x	
Charles Sheldon Antelope Range (Oregon portion).....	266N	628										x			x						x					x	x	

## STATE

## Parks:

Fort Stevens State Park (6).....	1S	793	70	x			x								x	x	x	x	x	x	x	x	x	x				
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See footnotes at end of table.

OREGON

EXISTING AREAS—Continued

STATE—Continued

Parks—Continued

Ecola State Park.....	4S	1, 107					x					x	x		x	x		x	x	x		x	x		x		
Oswald West State Park.....	6S	2, 501					x								x	x		x	x	x		x	x				
Cape Meares State Park.....	10S	139					x					x			x			x							x		
Cape Lookout State Park (6).....	12S	1, 451					x	x							x	x	x	x	x	x		x	x				
Saddle Mountain State Park.....	20S	3, 054					x				x				x			x	x	x							
Crown Point State Park.....	40S	265													x	x			x								
Willowa Lake State Park.....	75S	166	1, 600	A											x	x	x		x	x	x	x	x	x			
Thomas Condon-John Day Fossil Beds State Park (6).....	84S	3, 481													x	x	x	x	x	x	x	x	x			x	
Painted Hills State Park.....	86S	13													x	x			x							x	
The Cove Palisades State Park.....	87S	4, 533					x								x	x	x			x	x	x			x		
Silver Falls State Park.....	97S	8, 259					x		x						x	x			x	x	x		x	x			
Neptune State Park.....	115S	331					x								x			x	x		x		x	x			
Devil's Elbow State Park.....	117S	97					x								x			x	x				x	x		x	
Jessie M. Honeyman Memorial State Park.....	119S	522	1, 123	A				x				x			x	x	x	x	x	x	x	x	x	x	x	x	
Umpqua Lighthouse State Park.....	122S	2, 747	S	x			x					x			x	x	x	x	x	x	x	x	x	x		x	
Smith Rock State Park.....	168S	304													x	x			x	x	x		x	x			
Sunset Bay State Park.....	208S	88					x									x	x				x	x	x	x			
Cape Arago State Park.....	208S	134					x									x					x			x	x		
Shore Acres State Park.....	208S	683					x									x				x						x	
Humbug Mountain State Park.....	216S	1, 821					x									x	x		x	x	x	x		x	x		
Cape Sebastian State Park.....	221S	1, 069					x						x			x			x	x	x						
Samuel A. Boardman Wayside.....	223S	1, 473					x						x			x	x	x		x	x	x	x	x	x		x
Recreation areas:																											
Bradley Wayside.....	24S	18														x				x							
Bald Peak State Park.....	27S	26										x				x				x							
Dabney State Park.....	42S	79			A											x				x		x	x				
George W. Joseph State Park.....	42S	150														x	x			x		x					
Guy W. Talbot State Park.....	42S	241														x	x			x	x	x					
Benson State Park.....	47S	84	S	x												x			x	x			x	x	x		
John B. Yeon State Park.....	47S	284														x	x			x	x	x					
McLoughlin State Park.....	47S	82						x								x				x							
Ainsworth State Park.....	47S	46					x									x				x	x						
Lindsey Creek State Park.....	52S	129														x				x	x						
Seneca Fouts Memorial State Park.....	52S	199						x								x				x	x						
Starvation Creek State Park.....	52S	153														x	x			x	x	x					
Viento State Park.....	52S	244						x								x				x	x		x				
Wygant State Park.....	52S	691						x								x				x	x	x					
Zibe Dimmick State Park.....	53S	23			A			x								x				x					x		
Battle Mountain State Park.....	65S	136						x					x			x				x							
Hilgard Junction State Park.....	69S	6			A											x				x	x		x			x	
Red Bridge State Park.....	69S	35			A											x				x					x		
Catherine Creek State Park.....	80S	160			A											x				x					x		
Shelton Wayside.....	85S	180						x								x				x							
Maude Williamson State Park.....	99S	20						x								x				x		x					
Holman Wayside.....	100S	9											x			x				x							
Sarah Helmick State Park.....	101S	31			A											x				x		x		x	x		
Boiler Bay Wayside.....	108S	32						x								x	x			x							
Yaquina Bay State Park.....	111S	32						x					x			x				x							
Umpqua Wayside.....	129S	31			A											x				x			x				
Alderwood Wayside.....	136S	80						x								x				x							
Armitage State Park.....	143S	41			A											x				x		x	x	x	x		
Hendricks Bridge Wayside.....	146S	12			A											x				x				x	x		

See footnotes at end of table.



OREGON

OREGON	Number on map	Acreage		Significant features										Type of use				Activities										
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Recreation areas—Continued																												
Ben and Kay Dorris State Park . . . . .	149S	79				A	x								x				x			x	x	x				
Cascadia State Park . . . . .	150S	322				A	x								x			x	x		x	x	x	x				
Howard J. Morton Memorial State Park . . . . .	151S	24				A	x								x				x				x	x				
Jennie B. Harris Wayside . . . . .	153S	4				A									x				x			x	x					
Sisters State Park . . . . .	158S	41					x								x			x	x									
Robert W. Sawyer State Park . . . . .	159S	41				A									x			x	x				x					
Tumalo State Park . . . . .	162S	117				A									x				x			x	x					
Cline Falls State Park . . . . .	164S	9				A									x	x			x			x	x					
Prineville Reservoir Recreation Area . . . . .	169S	300	3,020		A										x	x			x			x	x	x	x			
Susan Creek State Park (6) . . . . .	195S	148				A	x								x				x			x	x	x				
Hutchinson Wayside . . . . .	199S	6				A									x				x					x				
Golden and Silver Falls State Park . . . . .	202S	157				x									x	x			x	x								
Buena Vista Ocean Wayside . . . . .	220S	58					x								x				x									
Ben Hur Lampman Wayside . . . . .	239S	23				A									x			x	x			x		x				
Rogue River Bridge Area . . . . .	239S	169				A									x				x				x	x				
Tou Velle State Park (6) . . . . .	242S	35				A									x				x			x	x	x				
Casey State Park . . . . .	245S	80				A									x				x	x			x	x				
Laurelhurst State Park . . . . .	245S	272				A									x				x				x	x				
McLeod Wayside . . . . .	245S	80				A									x				x	x			x	x				
Jackson F. Kimball State Park . . . . .	254S	19				A									x				x					x				
Collier Memorial State Park (6) . . . . .	255S	199				A							x		x				x	x								
Booth Wayside . . . . .	261S	311					x								x				x	x								
Chandler Wayside . . . . .	263S	57					x								x				x	x								
Monuments:																												
Scientific:																												
Sodaville Springs State Park . . . . .	98S	1													x	x												
Erratic Rock Wayside . . . . .	102S	4													x	x			x								x	
Devil's Punch Bowl State Park . . . . .	110S	5					x								x	x			x	x								
Lava River Caves State Park . . . . .	161S	23													x	x			x	x						x		
Peter Skene Ogden Scenic Wayside . . . . .	165S	98													x	x			x	x								
Pilot Butte State Park . . . . .	166S	101													x	x			x	x								
Historic:																												
Champoeg State Park (6) . . . . .	28S	159												x	x				x		x						x	
Willamette Stone State Park . . . . .	30S	2												x	x													
Emigrant Springs State Park . . . . .	67S	14												x	x				x	x	x	x						
Battle Rock Wayside . . . . .	215S	3					x							x	x				x				x					
Geisel Monument Wayside . . . . .	219S	4												x	x				x	x								
Nature preserves:																												
Wilson River Highway Forest Wayside . . . . .	23S	772					x								x				x	x				x				
Sunset Highway Forest Wayside . . . . .	25S	1,100					x								x				x	x								
Shepperd's Dell State Park . . . . .	44S	105													x	x			x	x	x							
Lang State Park . . . . .	50S	162					x								x				x	x								
Battle Mountain Forest Wayside . . . . .	64S	284					x								x				x									
Blue Mountain Forest Wayside . . . . .	68S	2,152					x								x				x									
Wallowa Lake Highway Forest Wayside . . . . .	72S	314				A	x								x				x									
Ukiah-Dale Forest Wayside . . . . .	83S	2,987					x								x				x		x							
Elliott R. Corbett II Memorial State Park . . . . .	88S	63		S	A		x								x				x	x								
Ellmaker State Park . . . . .	103S	80					x								x				x									
H. B. Van Duzer Forest Corridor Wayside . . . . .	105S	1,507					x								x				x									
Joaquin Miller Forest Wayside . . . . .	118S	112					x								x											x		
Darlingtonia Wayside . . . . .	118S	17											x		x											x		
Umpqua Myrtle Preserve . . . . .	131S	5													x												x	
Elk Creek Tunnel Forest Wayside . . . . .	133S	200					x								x				x									

See footnotes at end of table.

OREGON

OREGON	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Nature preserves—Continued																												
Blachly Mountain Forest Wayside.....	134S	80					x								x				x									
Redmond-Bend Juniper Wayside.....	167S	635									x				x											x		
Unity Forest Wayside.....	174S	85					x								x				x									
Canyon Creek Forest Wayside.....	198S	80					x								x				x									
Camas Mountain Wayside.....	200S	160					x								x				x									
Maria C. Jackson State Park.....	201S	42									x				x											x		
Millicoma-Myrtle Grove State Park.....	203S	15									x				x				x							x		
Norway Myrtle Preserve.....	204S	57									x				x											x		
Coquille-Myrtle Grove State Park.....	205S	7									x				x				x							x		
Simpson Wayside.....	206S	24					x								x				x									
Sweet Myrtle Preserve.....	211S	16									x				x											x		
Port Orford Cedar Forest Wayside.....	213S	34					x				x				x											x		
Carpenterville-Brookings Forest Wayside.....	226S	510					x								x				x									
Azalea State Park.....	227S	26									x				x				x							x		
Loeb State Park (5).....	227S	160			A		x								x				x							x		
Rough and Ready Wayside.....	235S	11									x				x				x							x		
Mackin Gulch Forest Wayside.....	238S	430					x								x				x									
Stage Coach Forest Wayside.....	238S	231					x								x				x									
Klamath Falls-Lakeview Wayside.....	257S	80					x								x				x									
Beaches:																												
Gearhart Ocean Wayside.....	3S	286				x									x				x			x						
Hug Point State Park.....	5S	1				x									x				x			x						
Nehalem Bay State Park.....	7S	820				x									x				x			x						
Lewis and Clark State Park.....	39S	56			A										x				x		x	x	x					
Rooster Rock State Park.....	39S	825			A										x		x		x		x	x	x					
Koberg Beach State Park.....	54S	88	20,700	A											x				x		x	x	x					
Mayer State Park.....	55S	268	20,700	A											x				x		x	x	x					
Hat Rock State Park (6).....	62S	369	38,000	A											x				x		x	x	x					
Unity Lake State Park.....	82S	39	930	A											x				x		x	x	x					
Detroit Lake State Park.....	90S	45	3,600	A											x	x			x		x	x	x	x				
North Santiam State Park.....	96S	74			A										x				x		x	x	x					
Devil's Lake State Park.....	106S	110	M	A											x				x		x	x	x	x				
Fogarty Creek State Park.....	106S	104				x									x				x			x						
Beverly Beach State Park.....	109S	69				x									x				x		x							
Rocky Creek Wayside.....	109S	58				x									x				x									
Lost Creek State Park.....	112S	78				x									x				x			x						
Ona Beach State Park.....	112S	138				x									x				x			x						
Seal Rock Wayside.....	112S	8				x									x				x			x						
South Newport State Park.....	112S	163				x									x				x			x						
Beachside State Park.....	113S	17				x									x				x		x		x					
Governor Patterson Memorial State Park.....	113S	9				x									x				x			x						
Lincoln County Ocean Wayside.....	113S	42				x									x				x			x						
Yachats State Park.....	114S	3				x									x				x			x	x					
Yachats Ocean Road Wayside.....	114S	9				x									x				x			x						
Muriel O. Ponsler Memorial Wayside (5).....	116S	2				x									x				x			x	x					
Fern Ridge State Park.....	137S	54	9,360	A											x				x			x	x	x				
Ochoco Lake State Park.....	170S	10	1,080	A											x				x		x	x	x	x				
Farewell Bend State Park.....	176S	65	15,000	A								x			x			x	x		x	x	x	x				
Owyhee Lake State Park (6).....	178S	730	12,742	A											x				x		x	x	x	x				
Bandon State Park (6).....	210S	88				x									x				x			x						
Bandon Ocean Wayside (6).....	210S	10				x									x				x			x						
Newburgh State Park (6).....	214S	1,419				x									x				x		x	x	x					
Harris Beach State Park (6).....	224S	141				x									x				x		x	x	x					

See footnotes at end of table.



OREGON	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
MAJOR LOCAL																												
Parks:	19L	600				A									x				x		x			x				
Kilchis Park.....	31L	3,366						x		x					x				x	x	x							
Forest Park.....	41L	175				x		x							x				x	x	x		x	x				
Eagle Fern Park.....	91L	40				A									x				x				x	x				
Niagara Park.....	126L	15					x								x				x			x	x	x	x			
Siuslaw Harbor Vista County Park.....	140L	280									x				x				x	x	x							
Spencer Butte Park.....	145L	47	1,900	A											x				x			x	x	x				
Baker Bay County Park.....	160L	388				A						x			x				x		x			x				
Shevlin Park.....	196L	10				A									x				x					x				
Richard G. Baker Memorial Park.....	197L	160				A									x				x	x			x	x				
Whistler's Bend Park.....	244L	1,720									x				x				x	x								
Prescott Memorial Park.....											x				x													
Recreation areas:	34L	15				A									x				x				x	x				
Wagon Wheel Park.....	35L	25				A									x				x				x					
Clackamette Park.....	38L	39	S	A											x				x				x	x	x			
Blue Lake Park.....	46L	26				A									x				x				x	x				
Dodge Park.....	56L	15	9,400	A											x			x	x			x	x	x	x			
Celilo Park.....	121L	90					x								x			x				x		x				
Winchester Bay Tidelands Park and Boat Basin...	236L	320	160	x											x			x			x	x	x	x				
Selmac Lake.....	248L	1,980	2,000	x											x	x			x		x	x	x	x			x	
Howard Prairie Reservoir.....	17L	10										x			x													
Monument: Historic: Fort Astoria (4).....																												
Beaches:	8L	300					x								x			x	x			x	x					
Barview Wayside.....	147L	55	1,025	A											x				x			x	x	x				
North Shore County Recreation Area.....																												
MAJOR QUASI-PUBLIC AND PRIVATE																												
Monument: Historic: McLoughlin House National Historic Site (7).....	32P	1											x		x			x										
POTENTIAL AREAS																												
NATIONAL																												
Seashore: Oregon Dunes.....	120N	44,600	4,992	x		x	x	x						x	x	x	x	x	x	x	x	x	x	x	x	x	x	
River: Rogue River (3).....	232N	13,000				x		x				x	x		x	x	x	x	x	x	x	x	x	x				
STATE																												
Parks:																												
Sucker Creek (3).....	177S	1,000									x				x	x				x	x	x						
Leslie Gulch (3).....	180S	2,000	12,742	A											x	x	x			x	x	x	x	x	x			
Honeycombs (3).....	181S	2,000	12,742	A											x	x	x			x	x	x	x	x	x			
Steens Mountains.....	183S	10,000	S								x				x	x			x	x	x							x
Lost Forest (3).....	187S	5,000					x			x		x			x	x	x			x	x	x				x		
Sisters Rocks.....	217S	600					x								x	x				x	x	x		x	x			
Upper Rogue (3).....	246S	120				A									x	x				x		x	x	x	x			
Recreation areas:																												
Clatsop Plains.....	2S	1,400					x								x	x	x			x	x	x		x	x			
Columbia Gorge (3).....	45S	500				A		x							x	x	x			x	x	x	x	x	x			
Deschutes.....	59S	80	9,400	A											x				x			x	x	x	x			
John Day River (3).....	60S	40				A									x					x					x			
Oxbow Reservoir (3).....	77S	40	L	A											x	x				x		x	x	x	x			
Mason Reservoir (3).....	81S	250	2,450	A											x					x		x	x	x	x			
Eel Lake (3).....	123S	40	S	A											x				x			x	x	x	x			
Triangle Lake (3).....	135S	37	S	A											x					x		x	x	x	x			

See footnotes at end of table.

OREGON	Number on map	Acreage		Significant features								Type of use				Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
POTENTIAL AREAS—Continued																													
STATE—Continued																													
Recreation areas—Continued																													
Little River (3).....	163S	1,000				A									x	x			x		x	x	x	x					
Coos Bay Sandspit.....	207S	2,500					x								x	x	x		x	x	x	x	x	x					
Illinois River.....	233S	100				A									x	x			x	x	x	x	x	x					
Mill and Barr Creek Falls (3).....	249S	80				A									x				x	x				x					
Monuments:																													
Scientific:																													
Jordan Craters (3).....	182S	39,910	560	x										x	x	x				x	x						x		x
Diamond Craters (3).....	184S	15,000												x	x				x	x	x						x		
Devil's Garden (3).....	188S	1,000												x	x				x	x							x		
Abert Rim (3).....	264S	5,000												x	x					x	x								
Three Forks of the Owyhee (3).....	267S	10,000				x								x	x	x	x			x	x	x							x
Historic:																													
New Market Theatre (3).....	33S	1												x		x													
Smith Massacre Site (3).....	127S	20												x		x													
Cartwright House (3).....	138S	10												x		x													
Fort Rock Cave (3) (4).....	189S	10												x		x													
Jacksonville Historic Site (3).....	241S	5												x		x													
Nature preserves:																													
Butte Creek Falls (3).....	94S	280				x		x						x	x					x	x	x				x		x	
Mahogany Mountain (3).....	179S	5,000						x							x					x	x	x					x		
Beaches:																													
Tillamook Sandspit.....	9S	500					x								x	x				x	x	x		x	x				
Nestucca Sandspit.....	14S	900					x								x	x				x	x	x		x	x				
Siletz Sandspit.....	107S	375					x								x	x				x	x	x		x	x				
Coquille.....	209S	1,620					x								x	x	x			x	x	x		x	x				
Langlois.....	212S	5,760					x								x	x	x			x	x	x		x	x				
Hubbard Mound-Otter Point.....	218S	400					x								x	x				x	x	x		x	x				
Crooks Point.....	222S	800					x								x	x	x			x	x	x		x	x				
Meyers Creek.....	222S	500					x								x	x				x	x	x		x	x				
Parkway: U.S. Highway 30.....	48S	80 mi.				A		x						x	x	x				x									
Scenic roads:																													
U.S. Highway 101 (3).....	16S	390 mi.					x								x				x										
U.S. Highway 126 (3).....	148S	80 mi.					x		x						x				x										
Century Drive (3).....	156S	40 mi.					x		x						x														
Steens Mountain Road (3).....	185S	70 mi.													x														
Free-flowing streams:																													
Deschutes River.....	58S	85 mi.					x																				x		
Umpqua River-North Umpqua River.....	128S	165 mi.					x																				x		
McKenzie River.....	142S	52 mi.					x																		x		x		
Rogue River.....	228S	65 mi.					x																		x		x		
Owyhee River.....	268S	60 mi.					x																		x		x		
Canoe trails:																													
Nehalem River (3).....	21S	53 mi.					x								x	x						x	x		x				
Wilson River (3).....	22S	40 mi.					x								x							x	x		x				
Willamette River (3).....	26S	165 mi.					x								x							x	x		x				
Clackamas River (3).....	36S	50 mi.					x								x	x						x	x		x				
Deschutes River (3).....	57S	85 mi.					x								x	x	x					x	x		x				
Grande Ronde River (3).....	71S	97 mi.					x								x	x	x					x	x		x				
Santiam River (3).....	92S	45 mi.					x								x	x						x	x		x				
Siletz River (3).....	104S	45 mi.					x								x							x	x		x				
Siuslaw River (3).....	124S	27 mi.					x								x							x	x		x				
Umpqua River (3).....	125S	125 mi.					x								x	x	x					x	x		x				
McKenzie River (3).....	144S	52 mi.					x								x	x	x					x	x		x				
Rogue River.....	229S	135 mi.					x								x	x	x					x	x		x				



OREGON	Number on map	Acreage		Significant features									Type of use			Activities												
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POTENTIAL AREAS—Continued																												
STATE—Continued																												
Foot trail: Pacific Coast (3).....	15S	312 mi.					x								x	x	x			x	x							
LOCAL																												
Park: Rogue-Rand.....	234L	100				A									x	x			x		x	x	x	x				
Recreation areas:																												
Sand Lake.....	13L	1,650					x								x	x			x	x	x		x	x				
Sauvie Island (3).....	29L	100	M	A	A										x				x		x	x		x				
Sandy Ox Bow.....	43L	600			A										x				x	x	x	x	x	x				
Wenaha Reservoir (3).....	73L	80	M	A											x	x			x		x	x	x	x				
Powder River (3).....	78L	10	15,000	A											x				x		x	x	x	x				
Little North Santiam (3).....	93L	40			A										x	x			x		x	x	x	x				
Green Peter Reservoir (3).....	95L	120	3,610	A											x				x		x	x	x	x				
Smith River (3).....	132L	120			A										x				x		x		x	x				
Bully Creek Reservoir.....	175L	120	980	A											x				x		x	x	x	x				
Raygold (3).....	240L	60			A										x				x			x	x	x				
Hyatt Prairie (3).....	247L	200	900	A											x	x			x		x	x	x	x				
Upper Klamath Reservoir (3).....	253L	120	68,200	A											x	x			x		x	x	x	x				
Gerber Reservoir (3).....	258L	40	2,250	A											x				x		x	x	x	x				
Drews Reservoir (3).....	262L	160	4,600	A											x	x			x		x	x	x	x				
Beach: Government Island.....	37L	1,850			A										x				x		x	x	x	x				

(1) Where acreage not shown:

"S" indicates water surface under 500 acres.

"M" indicates water surface of 500 to 10,000 acres.

"L" indicates water surface over 10,000 acres.

(2) An "A" indicates all or major portions of water surface acreage is adjacent to area.

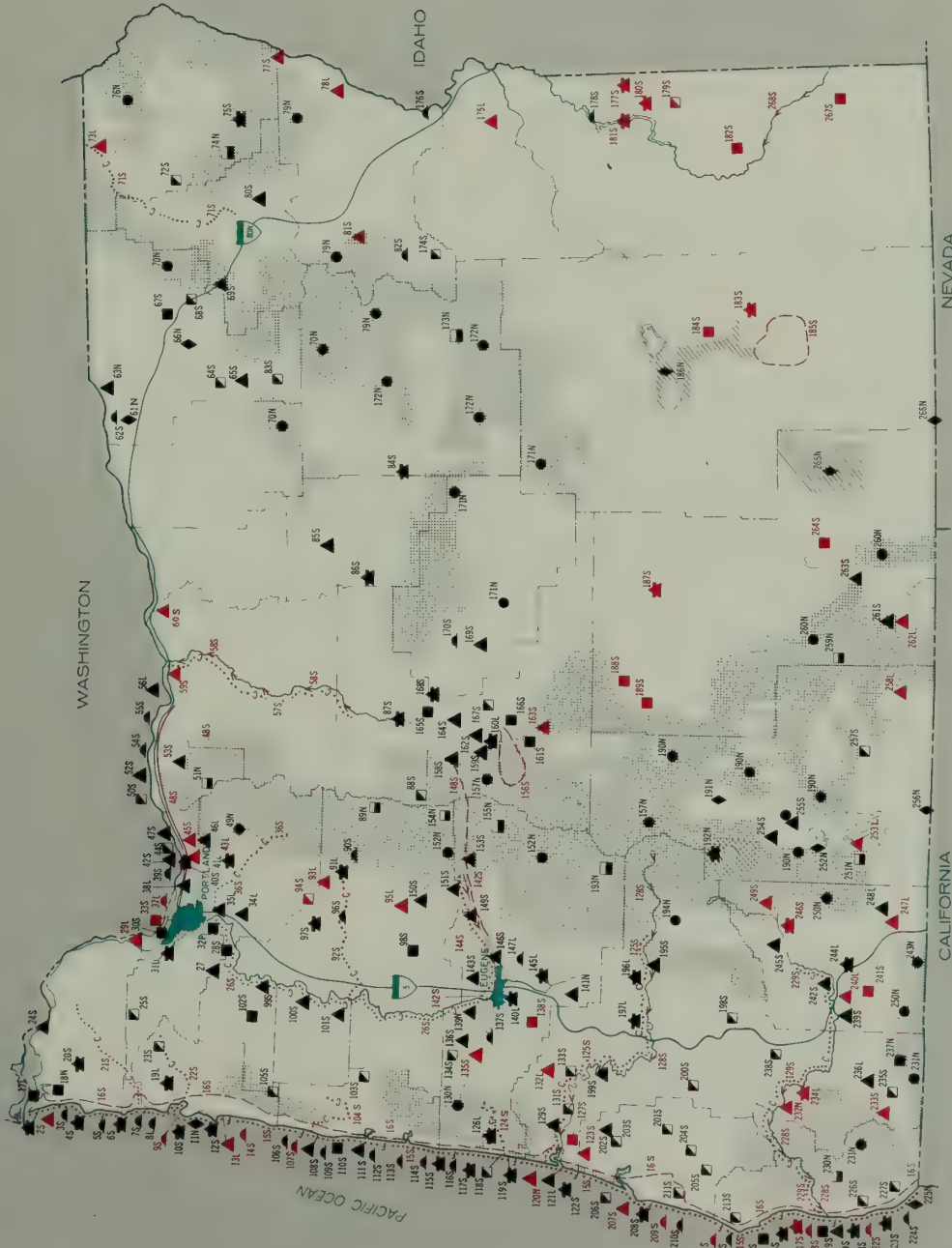
(3) Suggested area—qualifications not wholly determined. Further study required.

(4) Eligible for Registered National Historic Landmark status.

(5) Include in national forest acreage.

(6) Major additions recommended.

(7) National historic site in non-Federal ownership.



Existing	Potential	Existing	Potential
Park	▲	Bicycle Trail	.....B.....
Recreation Area . Etc.	▲	Canoe Trail	.....C.....
Monument	■	Parkway	—
Nature Preserve	■	Scenic Route	—
Wilderness	■	Free-flowing Stream	~
Beach	▲	NATIONAL PARK	.....
Wildlife Area	▲	NATIONAL FOREST	.....
Forest	●	NATIONAL WILDLIFE REFUGE	.....
Foot Trail	.....		
Horse Trail	.....		

OREGON







**U**TAH has a unique variety of mountains, rivers, canyons, forests, and deserts offering great opportunities for year-round recreation.

The State's population increased 29 percent between 1950 and 1960 to 890,627, and projections indicate it may reach 1,297,000 by 1976. The urban population increased 48 percent in the last decade, making it 75 percent of the total population. Density varies from less than 1 per square mile in large remote areas to 501 persons per square mile in Salt Lake City.

The recreation and tourist industry is a major part of Utah's economy, providing \$200 million annually. Income from the tourist industry should rise sharply due to expanding recreation travel and the State's growing attention to the undeveloped recreation potential in the southeastern canyon country and its Wasatch Range area. Manufacturing and mining industries lead recreation and tourism in the State's economy.

The automobile is the most common method of transportation to park and recreation areas. Federal and State highways give good access to most parts of the State.

The mountain, valley, and desert complex causes a wide difference in climatic conditions and makes possible year-round variety of day use and vacation recreation activities. In the north, the Wasatch and Uinta Mountains offer one of the longest winter sports seasons in the nation. In the southern valleys and canyons, other outdoor activities may be enjoyed 9 months of the year. The Colorado, San Juan, and Green Rivers are national attractions for boating and general recreation. Great Salt Lake adds to the number of unusual attractions. Southern Utah has

the most colorful and unusual rock formations to be found in the United States.

Numerous sites of early Indian occupation plus sites associated with Mormon settlement add to the wealth of recreation resources. Danger Cave and Emigration Canyon possess exceptional values in commemorating the history of the United States.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers two national parks, eight national monuments, and two national recreation areas with 1,659,552 acres in Utah. The 1960 attendance was 2,526,700. There are 9 national forests having a total of 6,853,372 acres and including 1 wilderness area and 178 recreation development sites, administered by the Forest Service. The Fish and Wildlife Service administers four wildlife refuges with 84,891 acres.

**STATE:** The State Park Department manages 4 parks, 4 recreation areas, and 4 monuments that contain 20,280 acres and had an attendance of 524,550 in 1960. The State Road Commission maintains 16 roadside rest areas and 40 historical markers.

**LOCAL:** There are two major local nonurban recreation areas and one nature preserve that serve the Salt Lake City-Provo area, and one recreation area serving Ogden-Logan. Golden Spike National Historic Site is in county ownership.

**PRIVATE ENTERPRISE:** Private enterprise provides substantial resort, winter sports, and tourist





The San Rafael River area in Utah, a little-known region of magnificent canyons and mesas, could be easily adapted to park use.

accommodation facilities in Utah. The Ouray Indian Reservation has one park, three recreation sites, and one wilderness area.

### **PARK AND RELATED NEEDS**

Additional areas are needed to provide day and weekend facilities for the Ogden-Salt Lake City-Provo region. There is also need for further integration of State and Federal programs for the protection and development of significant recreation resources. Potential State and local areas identified in this plan, totaling 1,395,330 acres, would go far toward meeting these needs.

### **RECOMMENDATIONS**

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are made to help provide needed outdoor recreation opportunities for public enjoyment and use.

**NATIONAL:** Establishment of Canyonlands National Park in southeastern Utah and study of the proposal for the preservation of an area of unusual scientific interest at Great Salt Lake. Explore the national park potentialities of some 300,000 acres surrounding Rainbow Bridge National Monument. Establishment of the Golden Spike National Historic Site, as an enlarged, Federal area.

**STATE:** Enlargement of the State park system to protect valuable resources and provide additional recreation opportunities by the addition of 29 parks, 14 recreation areas, 5 scientific monuments, 20 historic monuments, and 1 nature preserve. Further study is also suggested for six parks, nine recreation areas, one scientific monument, and one historic monument. Designation and protection of 41 scenic roads and 4 free-flowing streams.

**LOCAL:** Establishment of 3 major local parks and further study of 15 local recreation areas.

Supporting recommendations include—

1. Establishment of cross-country hiking and riding trails along the Wasatch and Uinta Mountain Ranges and the Green River.
2. Field investigation of the Henry Mountain region to determine the recreation values of the resources of that largely undeveloped area.



Railroad builders raced each other up these slopes to link East to West by transcontinental rail at Promontory Summit. This area in Utah near Great Salt Lake could comprise an enlarged Golden Spike National Historic Site in the National Park System.



UTAH	Number on map	Acreage		Significant features									Type of use			Activities													
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Parks:																													
Zion National Park . . . . .	162N	143, 254					x			x	x		x		x	x	x	x	x	x					x		x		
Bryce Canyon National Park . . . . .	173N	36, 010					x			x	x		x		x	x	x	x	x	x			x		x		x		
Recreation areas:																													
Glen Canyon National Recreation Area (Utah portion) . . . . .	186N	1, 336, 844	162, 700	x	x				x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x		
Flaming Gorge National Recreation Area Project (Utah portion) . . . . .	35N	16, 000	42, 000	A			x			x			x	x	x	x	x	x		x	x	x	x		x				
Monuments:																													
Scientific:																													
Timpanogos Cave National Monument. . . . .	62N	250					x			x	x		x	x	x	x	x	x	x	x					x				
Arches National Monument. . . . .	115N	34, 250							x	x	x		x		x	x	x	x	x	x					x		x		
Capitol Reef National Monument. . . . .	129N	36, 133								x	x		x		x	x	x	x	x	x					x		x		
Cedar Breaks National Monument. . . . .	164N	6, 172					x			x	x		x		x	x	x	x	x	x					x		x		
Rainbow Bridge National Monument. . . . .	187N	160								x	x		x		x	x			x	x					x		x		
Natural Bridges National Monument. . . . .	194N	2, 650				x	x			x	x		x		x	x	x		x	x					x		x		
Dinosaur National Monument (Utah portion). . . . .	29N	47, 669				x					x		x		x	x	x	x		x	x			x		x			
Historic:																													
Hovenweep National Monument (Utah portion) . . . . .	199N	160							x				x	x		x	x	x		x	x				x		x		
Forests:																													
Sawtooth National Forest (Utah portion) . . . . .	4N	71, 117					x			x	x		x		x		x	x	x	x				x	x	x	x		
Caribou National Forest (Utah portion) . . . . .	12N	6, 474					x			x	x				x				x	x					x	x			
Cache National Forest. . . . .	20N	391, 720	3, 045	x	x	x		x		x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
Ashley National Forest. . . . .	43N	1, 282, 829	4, 744	x	x	x		x		x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
Wasatch National Forest. . . . .	45N	822, 197	5, 352	x	x	x		x		x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
Uinta National Forest. . . . .	52N	774, 901	5, 610			x		x		x	x		x	x	x	x	x	x	x	x				x	x	x	x		
Fishlake National Forest. . . . .	90N	1, 415, 665	4, 538	x	x	x		x		x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
Manti-La Sal National Forest (Utah portion) . . . . .	96N	1, 237, 128	334	x		x		x		x	x	x	x		x		x	x	x	x				x	x	x	x		
Dixie National Forest. . . . .	131N	1, 851, 341	3, 489	x	x	x		x		x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
Wilderness: Uinta Primitive Area (5) . . . . .	46N	244, 000					x			x	x		x	x	x	x			x	x				x	x	x	x		
Wildlife areas:																													
Locomotive Springs National Wildlife Refuge. . . . .	5N	1, 031	S	x					x		x				x				x	x	x				x	x	x	x	
Bear River Migratory Bird Refuge. . . . .	9N	64, 899	50, 000	x							x			x	x		x	x	x	x	x				x	x	x		
Ouray National Wildlife Refuge. . . . .	42N	1, 089				x					x				x		x	x	x	x					x	x			
Fish Springs National Wildlife Refuge. . . . .	82N	17, 872				x					x				x		x							x		x			
STATE																													
Parks:																													
Newspaper Rock State Park. . . . .	116S	10							x			x	x					x	x							x			
Dead Horse Point State Park. . . . .	118S	3, 230				x				x	x	x		x		x	x	x	x	x					x		x		
Green River State Park (6) . . . . .	122S	53				A						x		x	x	x		x	x	x	x			x		x			
Dixie State Park. . . . .	145S	1, 436						x		x	x	x		x	x	x		x	x	x	x				x	x			
Recreation areas:																													
Willard Reservoir. . . . .	11S	10, 979	10, 700	x							x			x	x		x	x			x	x	x						
Bear Lake State Park (6) . . . . .	27S	22	L	A			x					x		x			x	x	x	x	x	x	x	x	x	x	x		
Rockport Lake State Park. . . . .	55S	1, 577	1, 077	x			x			x	x			x	x		x	x	x	x	x	x	x	x	x	x			
Scofield Reservoir and Eccles Canyon. . . . .	98S	2, 840	2, 800	x			x			x	x		x	x	x		x	x	x	x	x	x	x	x	x	x			
Monuments: Historic:																													
Pioneer Monument State Park (7) . . . . .	64S	85								x		x		x				x	x										
Camp Floyd-Old Stagecoach Inn. . . . .	72S	40					x			x		x		x				x	x										
Old State House State Park. . . . .	89S	1								x		x						x	x							x			
Anasazi Indian Village State Park. . . . .	180S	7					x			x		x		x				x	x							x			

See footnotes at end of table.

See footnotes at end of table.



UTAH	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Parks—Continued																												
Kodachrome Flats-Grosvenor Arch.....	174S	5,760								x	x	x		x		x	x	x	x	x	x					x		
Wahweep Creek.....	179S	25,920				A					x	x	x	x		x	x	x	x	x	x	x	x			x		
Escalante Petrified Forest.....	181S	3,880						x		x	x	x	x	x		x		x	x	x	x	x	x	x		x		
Devil's Rock Garden.....	182S	1,920								x	x	x		x		x		x	x	x	x					x		x
Dance Hall Rock (3).....	183S	10								x	x	x	x	x		x	x			x						x		x
Circle Cliffs Petrified Forest.....	184S	3,840								x	x	x	x	x		x		x		x	x					x		
Sunset Valley.....	185S	2,560								x	x	x		x		x		x	x	x	x					x		
Henry Mountains.....	188S	107,120						x			x	x		x		x	x	x	x	x	x			x		x	x	x
Great Goosenecks of the San Juan River.....	195S	1,920				A				x	x			x	x	x	x	x	x	x						x		x
Grand Gulch-Comb Wash-Arch Canyon and Hammond Canyon.....	196S	258,560						x		x	x	x	x	x	x	x	x	x	x	x	x					x		
Four Corners Tribal (Utah portion) (4).....	200S	250								x		x	x	x		x	x	x	x	x						x		
Recreation areas:																												
Grouse Creek.....	3S	5,760				A		x			x	x				x		x	x	x	x			x	x	x		
Bear River Project.....	14S	100	L		A			x				x				x		x	x	x	x	x	x	x				
Birch Creek.....	25S	620	20	x				x			x	x	x	x	x	x		x	x	x	x			x		x		
Bishop Creek.....	34S	15,600			A			x			x	x		x		x		x	x	x	x			x	x	x		
Jackson Draw.....	35S	12,160			A			x			x	x		x		x	x	x	x	x	x	x			x	x	x	x
Tyzack Reservoir (3).....	36S		70		A						x	x				x		x	x	x	x	x	x	x		x		
Steinaker Reservoir (3).....	38S		175		A			x			x	x				x		x	x	x	x	x	x	x		x		
Green River Canyon.....	41S	100			x					x		x	x	x	x	x	x	x	x	x	x	x	x	x		x		
Starvation Reservoir.....	48S		54,400		A			x			x	x				x	x	x	x	x	x	x	x	x	x	x	x	x
Wasatch Mountain (3).....	58S	25,000	S	x	x			x			x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Loafer Mountain.....	59S	16,000						x			x	x				x		x	x	x	x			x	x	x		
Utah Lake.....	66S	1,000	95,900	A								x				x		x	x	x	x	x	x	x	x	x		
Oquirrh Mountains.....	69S	7,680						x			x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	
Thom's Creek (3).....	81S	80						x			x	x				x		x	x		x			x	x			
Hot Springs (3).....	85S	160								x	x	x	x	x					x		x			x			x	
Paul Bunyon's Woodpile-Hop Creek Area (3)...	91S	200									x	x		x	x			x	x	x	x					x		
San Rafael River Area.....	102S	218,880			A					x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	
Otter Creek Reservoir.....	133S	10,940	2,000	x				x			x	x				x		x	x	x	x	x	x	x	x	x		
Piute Reservoir.....	134S	10,390	3,000	x				x			x	x				x		x	x	x	x	x	x	x	x	x		
Big Rock Candy Mountain.....	135S	640			A			x			x	x		x		x		x	x	x	x			x		x		
Ranch Canyon (3).....	139S	1,000						x			x	x		x		x		x	x	x	x					x	x	
Black Ridge Recreation Area (3).....	155S	200	S		A			x			x	x		x	x	x		x	x	x	x	x			x	x	x	
Virgin River Recreation Area (3).....	156S	200	S		A			x			x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	
Monuments:																												
Scientific:																												
Chinatown.....	21S	160									x			x	x	x		x	x	x	x						x	
Danger Caves.....	77S	15									x			x			x	x	x	x	x						x	
Gandy Caves.....	80S	40												x	x		x	x	x	x							x	
Antelope Trilobite Beds (3).....	82S	1,200								x	x			x	x	x	x	x		x	x						x	
Volcanoes State Park.....	183S	80						x			x	x		x	x		x		x	x							x	
Extinct Volcanoes-Kane County.....	172S	1,280						x			x	x	x		x	x	x		x	x	x	x					x	
Historic:																												
Pilot Peak.....	2S	640								x	x	x	x	x				x	x	x	x						x	
Indian Caves on Promontory Point.....	7S	2								x	x		x	x	x			x	x	x							x	
Henefer Pioneer State Park.....	22S	63						x			x		x		x			x	x	x	x						x	
Brown's Hole-Fort Davy Crockett (3).....	28S	80						x			x	x	x	x	x	x		x	x	x	x						x	
Dry Fork.....	40S	40						x			x	x	x	x	x	x		x	x	x	x						x	
Indian Culture West of Lehi.....	70S	40									x	x	x		x			x	x	x								
Donner Party Wagon Tracks.....	76S	1								x			x															
Gunnison Massacre Site.....	84S	1										x		x		x		x	x									

See footnotes at end of table.

UTAH	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Monuments: Historic—Continued																												
Fort Deseret . . . . .	86S	15							x			x		x			x	x										
Butch Cassidy Monument . . . . .	136S	1										x		x			x	x										
Cove Fort . . . . .	137S	10										x		x			x	x										
Indian Writings in Mineral Range . . . . .	140S	3									x	x		x			x	x										
Old Frisco Mining Town . . . . .	143S	40									x		x	x			x	x	x	x						x		
Jacob Hamblin's Home . . . . .	146S	1									x		x				x	x									x	
Brigham Young's Home-St. George . . . . .	148S	1										x		x			x	x										
Silver Reef Mining Camp . . . . .	150S	100					x			x		x	x	x			x	x	x	x						x		
Old Iron Town . . . . .	151S	3									x		x	x			x	x										
Hieroglyphic Gap . . . . .	161S	2					x		x	x		x	x	x			x	x								x		
Indian Caves and Cliff Dwellings . . . . .	167S	640					x		x	x		x		x	x		x	x	x	x						x		
Cottonwood Petroglyphs . . . . .	168S	240							x	x		x		x			x	x	x	x						x		
Paria Pioneer Town . . . . .	175S	320					x			x	x	x	x	x			x	x	x	x								
Scientific:																												
Petrified Forests-Kane County . . . . .	176S	640							x	x	x	x	x	x			x	x	x	x						x		
Alkali Ridge (3) . . . . .	198S	6,000									x		x	x	x		x	x	x	x						x		
Nature preserve: Benson Marsh . . . . .	15S	6,080					x				x			x	x	x	x	x	x	x	x			x	x	x		
Scenic roads:																												
Interstate No. 80 North . . . . .	10S																											
Tremonton-Brigham City . . . . .		19 mi.			A		x			x	x						x									x		
Ogden-Echo . . . . .		42 mi.			A		x		x	x	x		x				x									x		
U.S. 89 . . . . .	16S																											
Brigham City-Garden City . . . . .		65 mi.		A	A		x			x	x		x	x			x									x		
Garden City-North boundary State line . . . . .		3 mi.		A			x			x	x			x			x									x		
Provo-South boundary State line . . . . .		327 mi.		A	A		x		x	x	x	x	x	x			x	x			x	x	x	x	x	x		
State Highway No. 162: Pleasantview-Mountain Green . . . . .	17S	30 mi.			A		x			x	x			x			x	x							x		x	
State Highway No. 39: Ogden-North boundary Weber County line . . . . .	19S	28 mi.			A		x			x	x			x			x	x		x					x		x	
Interstate No. 80 . . . . .	23S																											
Salt Lake City-Castle Rock . . . . .		65 mi.			A	A		x		x	x	x		x	x			x	x		x				x		x	
Wendover-Junction Bonneville Race Track Road . . . . .		6 mi.							x			x	x	x			x										x	
State Highway No. 3: Garden City-Laketown . . . . .	24S	11 mi.			A		x			x	x			x			x	x	x	x	x	x	x	x		x		
U.S. 40 and U.S. 189 . . . . .	31S																											
Heber-Provo . . . . .		28 mi.			A		x			x	x			x			x	x	x	x	x	x	x	x		x		
Fruitland-East boundary State line . . . . .		114 mi.			A		x	x	x	x	x	x	x	x			x	x	x	x			x	x		x		x
Silver Creek Junction-Strawberry Reservoir . . . . .		44 mi.			A	A		x		x	x	x	x	x			x	x	x	x	x	x	x	x		x		
Saltaire-Timpie . . . . .		36 mi.			A					x		x	x		x			x								x		
State Highway Nos. 44-43: Vernal-North boundary State line . . . . .	39S	88 mi.			A	A		x			x	x	x	x			x	x	x	x	x	x	x	x		x		x
State Highway No. 33: Castlegate-Duchesne . . . . .	44S	45 mi.			A		x		x	x	x		x	x			x	x	x	x					x		x	
State Highway Nos. 169 and 35-Heber-Tabiona . . . . .	47S	50 mi.			A	A		x			x	x		x	x			x	x	x	x	x			x		x	
State Highway No. 150: Kamas-Goodman Ranch . . . . .	49S	54 mi.			A	A		x			x	x		x	x			x	x	x	x	x			x		x	x
State Highway No. 213 and U.S. Alt. 189: Wanship-Holiday Park . . . . .	51S	28 mi.			A		x			x	x		x	x			x	x	x	x					x		x	
State Highway No. 80: Lehi-Wildwood . . . . .	60S	27 mi.			A		x			x	x	x	x	x			x		x	x						x		
State Road (unnumbered): Junction at Interstate 80-South into Wasatch National Forest-5 mi. East of Grantsville . . . . .	73S	30 mi.			A		x			x	x			x			x		x	x					x		x	
U.S. 6 and U.S. 50 . . . . .	79S																											
Spanish Fork-Soldier Summit . . . . .		35 mi.			A		x			x	x	x		x			x	x		x					x		x	

See footnotes at end of table.



UTAH	Number on map	Acreage		Significant features								Type of use				Activities															
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience			
POTENTIAL AREAS—Continued																															
STATE—Continued																															
Scenic roads—Continued																															
U.S. 6 and U.S. 50—Continued																															
Price-Castlegate . . . . .		11 mi.			A						x	x		x	x			x	x	x	x			x		x					
Section through Skullrock Pass . . . . .		10 mi.								x	x			x				x								x					
West boundary State line-East . . . . .		5 mi.								x				x				x								x					
Green River-East boundary State line . . . . .		72 mi.			A					x	x	x		x	x			x		x	x					x		x			
State Highway No. 11: Nephi-Pigeon Hollow Junction . . . . .	92S	30 mi.			A		x				x	x		x				x	x	x	x			x		x					
State Highway No. 115: Payson-Junction with State Highway No. 11 . . . . .	93S	27 mi.					x				x	x		x				x	x	x	x			x		x					
State Highway No. 137: Gunnison-Ferron . . . . .	94S	48 mi.		A	A		x				x	x		x				x	x	x	x			x		x					
State Highway No. 29: Ephraim-Castledale . . . . .	95S	41 mi.			A		x				x	x		x				x	x	x	x			x		x					
State Highway No. 31: Fairview-Huntington . . . . .	97S	45 mi.		A	A		x				x	x		x				x	x	x	x	x		x		x					
State Highway No. 10: Price-Salina . . . . .	99S	105 mi.			A		x			x	x	x		x	x			x	x	x	x			x		x					
State Highway No. 128: Cisco-Moab . . . . .	111S	45 mi.			A					x	x	x		x	x			x	x	x	x			x		x		x			
U.S. 160: Monticello-9 mi. Northwest Moab . . . . .	112S	64 mi.			A					x	x	x		x	x			x	x	x	x			x		x		x			
Jeep Road (unnumbered): Loop Road through Manti-La Sal National Forest-West Blanding . . . . .	113S	100 mi.			A		x			x	x	x		x	x			x	x	x	x			x		x		x			
Jeep Road (unnumbered): Junction U.S. 160-confluence of Green and Colorado Rivers-Dead Horse Point- Monument Canyon . . . . .	117S	35 mi.			A					x	x	x	x	x	x			x	x	x	x			x		x		x			
State Highway No. 95: Hanksville-Blanding . . . . .	123S	133 mi.			A					x	x	x	x	x	x			x		x	x					x		x			
State Highway No. 24: Plateau Junction-20 mi. Northeast Hanksville (2) . . . . .	124S	123 mi.			A		x			x	x	x	x	x	x			x		x	x					x		x			
Jeep Road-West Hanksville State 24 and South Hanksville State 95 (unnumbered) . . . . .	127S	81 mi.								x	x	x	x	x	x			x		x	x					x		x			
State Highway No. 117: Torrey-Boulder . . . . .	130S	38 mi.			A		x				x	x		x				x	x	x	x			x		x					
State Highway No. 21: Junction U.S. 6 and 50-Beaver . . . . .	141S	122 mi.			A					x	x	x	x	x	x			x	x	x	x			x		x		x			
U.S. 91: Harrisburg Junction-South boundary State line . . . . .	144S	40 mi.			A		x				x	x	x	x	x			x	x	x	x			x		x					
State Highway No. 18: St. George-Central . . . . .	147S	24 mi.			A		x				x	x		x				x	x	x	x			x		x					
State Highway No. 17: Harrisburg-Virgin . . . . .	152S	11 mi.			A		x				x	x		x				x	x	x	x			x		x					
State Highway No. 15: Virgin-Mount Carmel (Junction U.S. 89) . . . . .	153S	46 mi.			A		x				x	x	x	x	x			x	x	x	x			x		x		x			
State Highway No. 14: Cedar City-Long Valley Junction . . . . .	160S	41 mi.		A	A		x				x	x	x	x	x			x	x	x	x			x		x		x			
State Highway No. 136: Long Valley Junction-Junction U.S. 89 . . . . .	170S	37 mi.			A		x			x	x	x		x	x			x	x	x	x			x		x					
State Highway No. 54: Boulder-Junction State 22 and 12 . . . . .	177S	74 mi.			A		x				x	x	x	x	x			x	x	x	x			x		x		x			
State Road (unnumbered): 5 mi. West Escalante-Widtsoe Junction . . . . .	178S	27 mi.			A		x				x	x		x				x	x	x	x			x		x					
State Highway No. 47: Monticello-South boundary State line . . . . .	191S	98 mi.			A					x	x	x	x	x	x			x	x		x			x		x		x			
State Highway No. 261: Junction State 95-Mexican Hat . . . . .	192S	37 mi.									x	x	x	x	x			x	x		x	x			x		x				
State Highway No. 262: Blanding-Cajon Canyon . . . . .	197S	40 mi.			A					x	x	x	x	x	x			x	x		x			x		x		x			
Free-flowing streams:																															
Green River (confluence Colorado River-Utah-Colorado State line) . . . . .	29S	230 mi.			x					x	x	x	x	x	x			x	x	x	x	x	x	x	x	x		x			
San Rafael River (Ferron Creek-Green River) . . . . .	101S	60 mi.			x		x			x	x	x	x	x	x			x	x	x	x	x	x	x	x	x		x			
See footnotes at end of table.																															

See footnotes at end of table.

UTAH	Number on map	Acreage		Significant features										Type of use			Activities											
		Total land and water within area	Water surface (7)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Free-flowing streams—Continued																												
Colorado River (Glen Canyon Reservation to Utah-Colorado State line).....	109S	100 mi.				x				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x		x
San Juan River (East terminus Glen Canyon Reservation-Four Corners).....	189S	95 mi.				x				x	x	x	x	x	x		x	x	x	x	x	x	x	x		x		x
LOCAL																												
Parks:																												
Kaysville Pond State Park.....	13L	20										x			x			x	x				x	x		x		
Parley's Canyon-East Canyon.....	61L	16, 400	400	A			x				x	x	x		x	x		x	x	x	x	x	x	x		x	x	
San Juan River Overlook.....	193L	1, 280								x	x			x	x	x		x	x	x	x					x		
Recreation areas:																												
Etna Reservoir (3).....	1L	80	S	A							x	x			x				x	x	x		x	x				
Little Valley (3).....	8L	150	L	A						x					x	x		x	x	x	x	x	x			x		
Little Creek Reservoir (3).....	26L	130	10	x			x				x	x			x	x		x	x	x	x		x	x		x		
Three Corners (3).....	30L	40					x				x	x			x	x	x	x	x	x	x			x	x	x		
Little Hole (3).....	33L	320					x			x	x	x			x	x	x		x	x	x	x	x	x		x		
Bates Reservoir (3).....	56L	5, 300	4, 000	x			x				x	x			x	x		x	x	x	x	x	x	x	x	x		
Indian Springs (3).....	74L	80					x				x	x			x	x	x		x	x	x	x			x	x		
Guardian of the Desert (Stone Face) (3).....	87L	160								x	x				x	x		x	x	x	x				x	x		
Huntington Recreation Area (3).....	100L	1, 000	S	x			x				x	x			x	x		x	x	x	x	x	x	x	x	x		x
Sand Wash (3).....	105L	40								x	x	x			x	x	x	x		x	x	x	x	x	x	x		
Horse Canyon (3).....	107L	40					x			x	x	x			x	x		x	x		x				x	x		
P. R. Springs-Vernal (3).....	108L	40					x				x	x			x	x		x	x		x				x	x		
Dog Flat Campground (3).....	132L	50					x				x	x				x		x		x					x	x		
Rock Corral (3).....	142L	160					x			x	x				x			x		x					x			
Green Lakes (3).....	159L	40		x							x				x			x	x		x	x	x	x		x	x	

- (7) Where acreage not shown:  
  "S" indicates water surface under 500 acres.  
  "L" indicates water surface over 10,000 acres.
- (2) "A" indicates all or major portions of water surface acreage is adjacent to area.
- (3) Suggested area—qualifications not wholly determined. Further study required.
- (4) Total acreage in all 4 States: 1,000 acres.
- (5) Area included in national forest acreages.
- (6) Major additions recommended.
- (7) Eligible for Registered National Historic Landmark status.
- (8) Duplicate acreage with Arizona.
- (9) National historic site in non-Federal ownership.





Spectacular formations like this recently discovered arch still await discovery and appreciation in Utah's wild Canyonlands country, proposed as a national park.



# UTAH



Park

Recreation Area ,Etc.

Monument

Nature Preserve

Existing Potential

Existing Potential

Wilderness

Beach

Wildlife Area

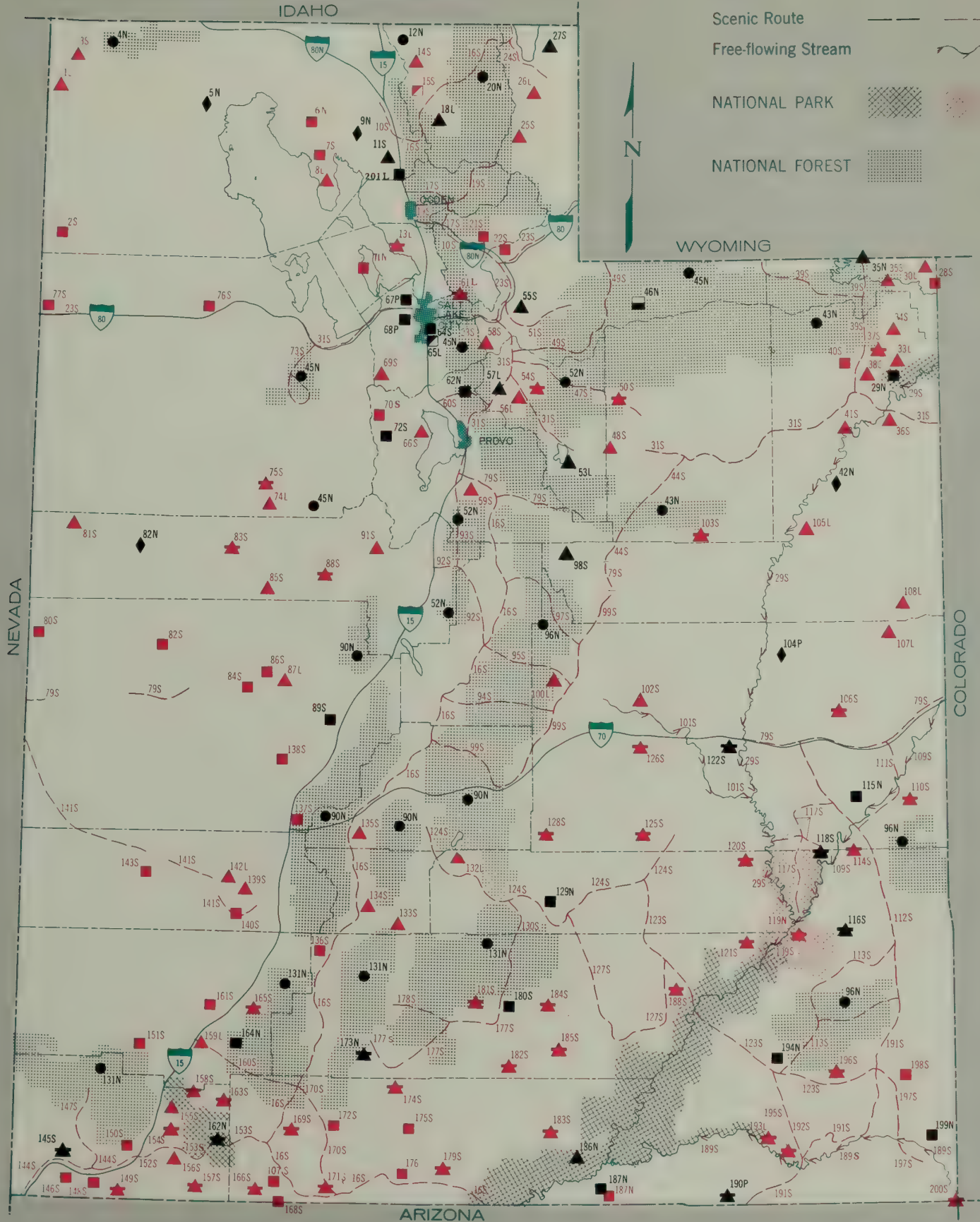
Forest

Scenic Route

Free-flowing Stream

NATIONAL PARK

NATIONAL FOREST







# WASHINGTON

**W**ASHINGTON has a variety of recreation resources including the Olympic and Cascade Mountains, the Columbia River, and 2,846 miles of tidal shoreline along the Pacific Ocean, Strait of Juan de Fuca, and Puget Sound.

Population projections to 1976 indicate the growth of the 1950-60 decade (2,378,963 to 2,853,214) will continue so that by 1976 the population may be 3,844,000. The State population was 68.1 percent urban in 1960. The density averages 42.8 persons per square mile, ranging from 1.8 persons per square mile in northeastern Washington to 438.2 per square mile in King County (Seattle).

Manufacturing, agriculture, forest products, and recreation are the State's most important industries, in that order. In 1960 recreation activities contributed an estimated \$428 million to the economy of the State. There is a great potential for expanding the importance of recreation to the State economy.

The ocean beaches provide clamming, fishing, and swimming; Puget Sound, the Strait of Juan de Fuca, and several other salt-river bays and waterways provide boating, swimming, fishing, camping, and picnicking opportunities. There are 21 million acres of forest lands, hundreds of mountain lakes and streams with excellent camping, fishing, hiking, and picnicking. The two principal mountain ranges, the Cascades and the Olympics, offer hiking, camping, fishing, and hunting activities. Five snow-capped volcanic peaks ranging in elevation from 9,671 to 14,410 feet, together with many lesser peaks, provide outstanding scenery, winter sports, and mountaineering. Many salt- and fresh-water marshes, cultivated fields, and wheatlands furnish waterfowl and upland-bird hunting. Chinook Point and San Juan Island possess exceptional value in commemorating the history of the United States.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers two national parks, two national historic sites, and one national recreation area with a total of 1,228,750 acres. The 1960 attendance was 3,424,500.

Under the administration of the Forest Service are 9,688,591 acres in 9 national forests in which there are 369 recreation areas totaling 1,900 acres; 10 winter sports areas using 1,400 acres; and 1 wilderness, 2 wild areas, and 1 primitive area totaling 1,384,196 acres. The 1960 attendance for the national forests was 3,464,250. The Washington section of the Pacific Crest Trail is in the national forests.

The Corps of Engineers administers 20,113 acres on three reservoirs. The Bureau of Sport Fisheries and Wildlife administers 101,444 acres in 13 wildlife refuges that had an attendance of 92,594 in 1960.

**STATE:** The State Parks and Recreation Commission has 103 parks and recreation areas with 75,638 acres. There are 274 public-fishing access areas and 19 game-management areas of 297,636 acres administered by the State Department of Game. The Department of Highways maintains 108 roadside rest and picnic areas.

**LOCAL:** There are 37 local nonurban parks totaling 1,958 acres. Ten of the major areas are included in the listing.

**PRIVATE ENTERPRISE:** Several lumber and private utility companies maintain camping and picnic areas that are open to the public. Twenty-two sites, 360 acres, have been developed on private timber





**Chopaka Lake, a proposed Washington State park.**

holdings, and six sites on four reservoirs having a water surface of 12,722 acres are operated by power companies.

## **PARK AND RELATED NEEDS**

Many existing areas are not suitable for intensive development for day and overnight use. The State park system needs expansion by additions to existing areas and acquisition of new areas to provide more areas near the Seattle, Tacoma, Spokane, and Yakima metropolitan areas; improvement of public access to suitable portions of the Pacific shoreline; and preservation of several free-flowing streams. In addition, canoe and boat trails should be established and increased protection given archeological sites.

Existing State parks, recreation areas, beaches, and related areas provide 75,638 acres for the present resident population. Potential State recreation lands identified total 8,155 acres. The combined acreage is short of 1976 needs, though to an extent this is compensated for by the presence of Federal recreation lands near the population centers. A similar situation exists in the local picture, where existing and potential acreages of 4,012 acres are short of 1976 needs. Fur-

ther study is required to determine the location, type, and acreage for State and local areas to meet 1976 needs.

## **RECOMMENDATIONS**

Existing recreation resources and many potential areas are shown on the accompanying tabulation and map. The following recommendations are made to help provide needed outdoor recreation opportunities for public enjoyment and use.

**STATE:** Enlargement of the State park system to preserve significant resources by the addition of 3 State parks, 12 recreation areas, and 2 beaches, with major additions to 18 existing areas.

**LOCAL:** Establishment of three recreation areas and two beaches, with further study of eight recreation areas and one beach.

Supporting recommendations include—

1. Study the feasibility of land acquisition and construction of a Pacific coast scenic road.
2. Bring U.S. 830, on the north side of the Columbia River Gorge, up to parkway standards.
3. Designation and development of 13 potential canoe and boat trails including facilities for stopover sites.
4. Assistance to counties by providing technical aid for their recreation programs.

WASHINGTON	Number on map	Acreage		Significant features										Type of use			Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Parks:																													
Olympic National Park	116N	888, 558	L	A	x	x	x				x	x		x	x	x	x	x	x	x	x	x	x	x		x	x	x	
Mount Rainier National Park	156N	241, 571	M	x		x		x			x	x		x	x	x	x	x	x	x	x					x	x	x	
Recreation areas:																													
Coulee Dam National Recreation Area	77N	98, 500			x										x	x	x	x	x		x	x	x	x					
Rufus Woods Lake	83N	7, 507		A											x			x	x		x	x	x	x					
The Dalles Reservoir	161N	9, 406		A											x			x	x			x	x	x					
Ice Harbor Reservoir	178N	13, 200		A											x				x		x	x	x	x					
Monuments: Historic:																													
Fort Vancouver National Historic Site	148N	75											x		x			x											
Whitman Mission National Historic Site	179N	46											x		x			x											
Forests:																													
Olympic National Forest	8N	621, 756	M	x	A	x		x			x				x	x		x	x	x	x	x	x	x	x	x	x		
Mount Baker National Forest	39N	1, 818, 294	L	x	x	x		x			x				x	x	x	x	x	x	x	x	x	x	x		x	x	
Okanogan National Forest	43N	2, 042, 213	S	x		x		x			x				x	x		x	x	x	x				x	x		x	
Colville National Forest	59N	928, 312	M	x		x		x			x				x	x		x	x	x	x				x	x		x	
Kaniksu National Forest (Washington portion)	67N	287, 684	M	x		x		x			x				x	x		x	x	x	x				x	x		x	
Wenatchee National Forest	87N	1, 205, 437	L	x	x	x		x			x				x	x	x	x	x	x	x	x	x	x	x		x	x	
Snoqualmie National Forest	91N	1, 207, 815	M	x	x	x		x			x				x	x		x	x	x	x	x	x	x	x		x	x	
Gifford Pinchot National Forest	155N	1, 263, 300	L	x	A	x		x			x				x	x		x	x	x	x	x	x	x	x		x	x	
Umatilla National Forest (Washington portion)	183N	313, 780	S	x		x		x			x				x	x		x	x	x	x				x	x			
Wilderness:																													
Glacier Peak Wilderness Area (4)	40N	458, 105	M	x		x		x			x					x	x			x	x				x	x		x	
North Cascade Primitive Area (4)	41N	801, 000	L	x	A	x		x			x					x	x			x	x				x	x		x	
Mount Adams Wild Area (4)	157N	42, 411	S	x		x		x			x					x	x			x	x				x	x		x	
Goat Rocks Wild Area (4)	158N	82, 680	M	x		x		x			x					x	x			x	x				x	x		x	
Wildlife areas:																													
Flattery Rocks National Wildlife Refuge	2N	125						x				x														x			
Dungeness National Wildlife Refuge	11N	556						x				x			x										x	x			
Jones Island National Wildlife Refuge	18N	179						x				x			x											x			
Matia Island National Wildlife Refuge	18N	145						x				x			x											x			
Smith Island National Wildlife Refuge	19N	65						x				x			x											x			
San Juan National Wildlife Refuge	19N	52						x				x			x											x			
Little Pend Oreille National Wildlife Refuge	62N	43, 959	S	x				x			x	x			x				x		x				x	x	x		
Turnbull National Wildlife Refuge	76N	17, 171	M	x								x			x											x			
Copalis National Wildlife Refuge	122N	5						x				x														x			
Quillayute Needless National Wildlife Refuge	127N	117						x				x														x			
Willapa National Wildlife Refuge	136N	8, 175						x				x							x							x	x		
Columbia National Wildlife Refuge	171N	27, 861	M	x	x							x			x										x	x	x		
McNary National Wildlife Management Area	177N	3, 034		A								x			x										x		x		
STATE																													
Parks:																													
Sucia Island State Marine Park	22S	520						x							x	x			x	x	x	x	x	x					
Moran State Park (5)	23S	4, 804		S	x			x				x			x	x	x		x	x	x		x	x					
Fort Flagler State Historical Site	25S	705						x					x		x				x		x		x	x					
Old Fort Townsend State Park	25S	241						x							x				x		x	x	x	x					
Birch Bay State Park	27S	194						x							x				x	x	x		x	x					
Deception Pass State Park	30S	1, 746						x							x	x	x	x	x	x	x	x	x	x					
Larrabee State Park	34S	1, 980						x							x	x			x	x	x	x	x	x					
Alta Lake State Park (5)	46S	186		A											x				x	x	x	x	x	x					
Curlew Lake State Park (5)	57S	122		A											x				x		x	x	x	x					
Mount Spokane State Park (5)	68S	24, 330									x	x			x				x	x	x							x	

See footnotes at end of table.



## CONNECTICUT

EXISTING AREAS—Continued																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Riverside State Park (5).....	73S	5, 510				A													x	x					x	x	x	x																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

See footnotes at end of table.

# WASHINGTON

WASHINGTON	Number on map	Acreage		Significant features										Type of use		Activities												
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
EXISTING AREAS—Continued																												
STATE—Continued																												
Monuments—Continued																												
Scientific—Continued																												
Crown Point State Vista Site.....	78S	13												x	x													
Ginkgo State Park.....	167S	5,980												x	x			x										
Palouse Falls State Park.....	180S	95												x	x				x									
Historic:																												
Garrison Bay State Historical Site (5).....	14S	20											x		x													
American Camp State Historical Site (5) (6).....	16S	5											x		x													
Rothschild House State Historical Site.....	21S	1											x															
Peace Arch State Park.....	28S	10											x		x				x									
Fort Casey State Historical Site.....	31S	110											x		x				x									
Fort Okanogan State Historical Site.....	52S	49											x		x			x										
Ranald MacDonald's Grave State Historical Site.....	55S	0.5											x		x													
St. Paul's Mission State Historical Site.....	60S	4											x		x													
St. Michael's Mission State Historical Site.....	72S	1											x		x													
Spokane House State Historical Site.....	74S	1											x		x													
Aubrey L. White Painted Rocks State Historical Site.....	74S	0.5											x		x													
Spokane Battlefield State Historical Site.....	75S	1											x		x				x									
Chief Seattle State Historical Site.....	102S	1											x		x													
Old Man House State Historical Site.....	102S	0.5											x		x													
Captain Wallace State Historical Site.....	103S	1											x		x													
Fort Columbia State Historical Site (6).....	138S	1,001											x		x			x	x									
Lewis and Clark Campsite.....	138S	1											x		x			x										
Jackson House State Historical Site.....	143S	0.5											x		x													
Monticello State Historical Site.....	146S	0.5											x		x													
Fort Simcoe State Historical Site.....	160S	200											x		x				x									
Yakima Indian Painted Rocks State Historical Site.....	164S	0.5											x		x													
Nature preserve: Federation Forest State Recreation Area.....	93S	588					x								x			x	x	x						x		
Beaches:																												
Dungeness Water Access Area.....	12S	1					x								x						x							
Jones Island Marine Park.....	13S	179					x								x				x		x	x	x					
Prevost Harbor State Marine Park.....	13S	38					x								x						x							
Reid Harbor State Marine Park.....	13S	37					x								x						x							
Matia Island State Marine Park.....	24S	145					x								x				x	x	x	x	x					
South Whidbey State Park.....	32S	100					x								x				x		x							
Camano Island State Park.....	33S	136					x								x				x		x		x					
Bayview State Park.....	35S	19					x								x				x		x		x					
Lake Chelan State Park (5).....	85S	140	L A												x	x			x		x	x	x					
Dash Point State Park.....	98S	192					x								x				x		x	x	x					
Blake Island Marine Park.....	99S	475					x								x				x		x	x	x					
Pleasant Harbor Marine Park.....	108S	4					x								x				x		x							
Gerald's Cove State Marine Park.....	109S	45					x								x				x		x	x	x					
Belfair State Park.....	110S	79					x								x				x		x		x					
Twanoh State Park.....	110S	211					x								x	x			x		x	x	x					
Ocean City State Park.....	123S	82					x								x				x		x		x					
Twin Harbors State Park (5).....	130S	87					x								x	x	x		x		x		x					
Ilwaco State Recreation Area.....	134S	65					x								x				x		x		x					

See footnotes at end of table.





WASHINGTON	Number on map	Acreage		Significant features										Type of use				Activities										
		Total land and water within area	Water surface (1)	Lake (2)	Reservoir (2)	River (2)	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Canoe trails—Continued																												
Spokane River.....	69S	53 mi.				x									x	x			x		x	x		x				
Little Spokane River.....	70S	28 mi.				x									x	x			x		x	x		x				
Yakima River.....	89S	184 mi.				x									x	x	x		x		x	x		x				
Hoh River.....	117S	28 mi.				x									x	x	x		x		x	x		x				
Queets River.....	118S	21 mi.				x									x	x	x		x		x	x		x				
Quinault River.....	119S	26 mi.				x									x	x	x	x	x		x	x		x			x	
Raft River.....	121S	15 mi.				x									x	x	x		x		x	x		x				
Bogachiel River.....	129S	18 mi.				x									x	x	x		x		x	x		x				
LOCAL																												
Recreation areas:																												
Juan de Fuca Strait.....	7L	1,000				x									x	x	x		x		x	x		x				
Crescent-Agate Beaches.....	9L	700				x					x	x			x	x			x	x	x	x	x	x		x		
Patterson Lake (3).....	42L	160	80	A											x	x			x	x	x	x	x	x				
Blue Lake (3).....	48L	80	20	A											x	x			x	x	x	x	x	x				
Crescent Bar.....	84L	200	L	A											x	x		x	x	x	x	x	x	x				
Willapa Bay (3).....	135L	80				x									x	x	x	x	x		x	x	x	x				
Puget Island (3).....	139L	40				A									x				x			x	x	x				
Columbia River (3).....	151L	62				A									x	x		x	x		x	x	x	x				
Bonneville (3).....	153L	80	18,700	A											x				x		x	x	x	x				
Yakima River (3).....	165L	80				A									x			x	x		x	x	x	x				
Grande Ronde (3).....	187L	70				A									x		x		x		x	x	x	x				
Beaches:																												
Scenic Beach.....	106L	75				x									x		x		x		x	x	x	x				
Elde Inlet.....	111L	120				x									x		x		x		x	x	x	x				
Fishermen's Beach (3).....	141L	100				A									x				x		x	x	x	x				

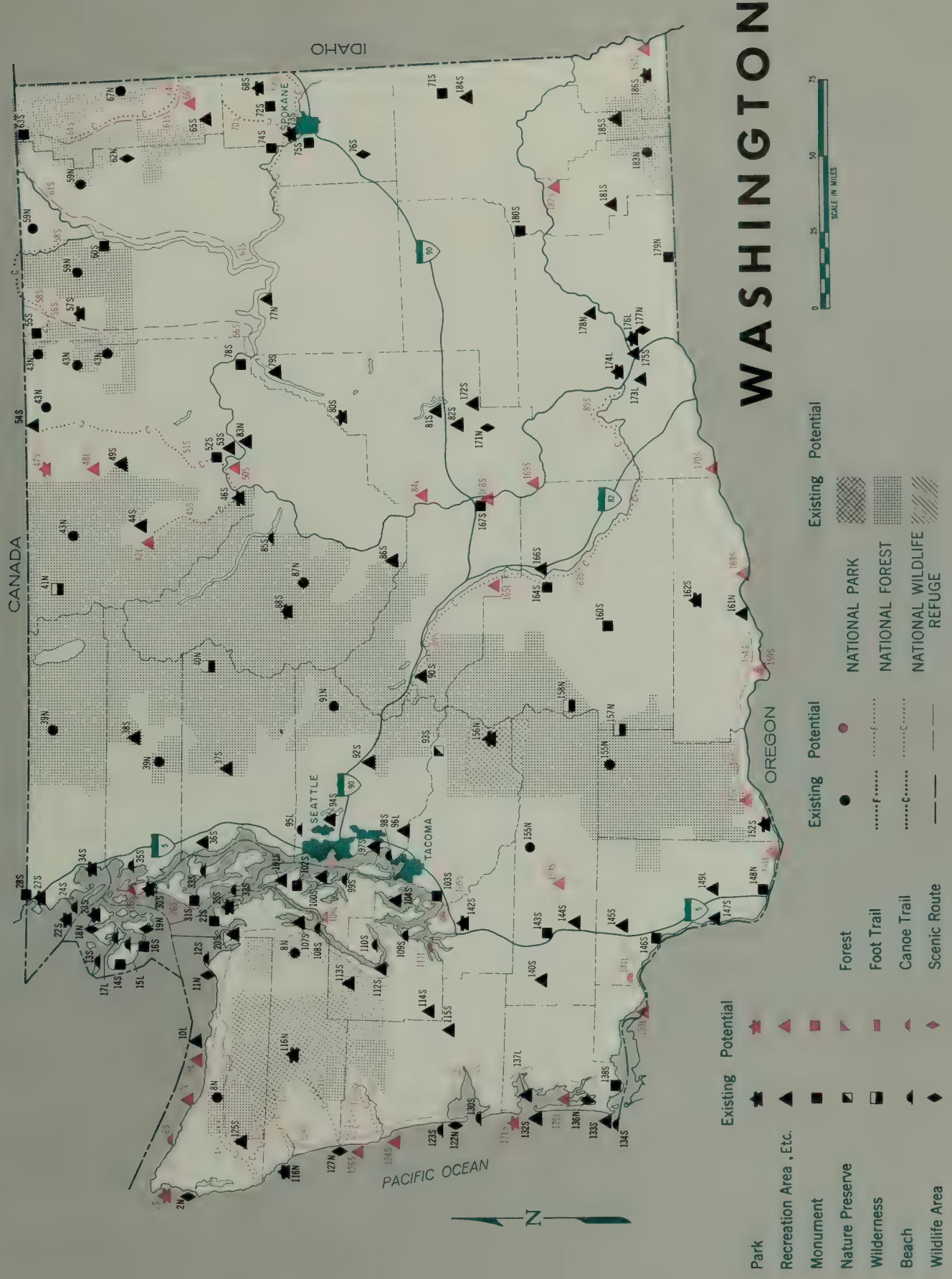
- (1) Where acreage not shown:  
 "S" indicates water surface under 500 acres.  
 "M" indicates water surface of 500 to 10,000 acres.  
 "L" indicates water surface over 10,000 acres.
- (2) An "A" indicates all or major portions of water surface acreage is adjacent to area.
- (3) Suggested area—qualifications not wholly determined. Further study required.
- (4) Included in national forest acreage.
- (5) Major additions recommended.
- (6) Eligible for Registered National Historic Landmark status.





The Methow River, flowing freely through its beautiful valley in Washington, merits designation as a canoe trail.









# WYOMING

**W**YOMING is one of the Nation's prime vacation States. It is sparsely settled, with an average density of 3.4 persons per square mile. The 2 largest cities are Cheyenne, with a population of 43,505, and Casper, 38,930. The population is expected to increase from 330,066 in 1960 to 393,000 by 1976.

The tourist industry ranks third in the State's economy and has the greatest growth potential. It has shown steady gains on mineral production and agriculture.

There are many beautiful mountain ranges including the spectacular Teton Range, the Absaroka, Wind River, Big Horn, and Medicine Bow Ranges. The wonders of Yellowstone are international tourist attractions. Wilderness, forests, free-flowing streams, wildlife, and western atmosphere contribute to the recreation assets. As other States become more crowded, Wyoming's outstanding natural resources and small population will make the State more valuable as a vacation destination.

Many out-of-State hunters and fishermen are attracted by excellent big-game hunting and fine trout fishing.

Large reservoirs on the high plains are important to residents for water-sports activities.

Interesting geological formations and important archeological and paleontological discoveries are scattered throughout Wyoming.

There are many historic sites associated with early exploration, the fur trade, pioneer routes, the Pony Express, military and Indian affairs and battles, the mining frontier, and the cattlemen's empire. Much of this historic resource needs preservation, interpretation, and development. Independence Rock, South

Pass, Tom Sun Ranch, the Horner site, Fort Phil Kearny and related sites, and the Green River Rendezvous site possess exceptional value in commemorating the history of the United States and are eligible for Registered National Historic Landmark status.

## EXISTING PUBLIC AREAS

**NATIONAL:** The National Park Service administers two national parks, a national monument, a national historic site, and a national recreation area with a combined acreage of 2,466,799. The 1960 attendance was 3,035,800. There are 9,145,316 acres of national forest land in nine national forests administered by the Forest Service. These forests contain 150 recreation areas totaling 1,100 acres and 2,483,520 acres in 8 designated wilderness and wild areas. The Bureau of Sport Fisheries and Wildlife manages 73,265 acres in four national wildlife refuges. There are 17 million acres of public domain administered by the Bureau of Land Management.

**STATE:** The Wyoming State Parks Commission manages eight State recreation areas totaling 151,866 acres. The 1960 attendance was 662,747. One State park of 1,640 acres is under the Wyoming Board of Charities and Reform. The State Archives and Historical Department has 17 historic sites, totaling 158 acres, and 17 historic markers. The Wyoming Game and Fish Department manages 11 public fishing areas of 3,018 acres, and 24 wildlife management areas containing 33,883 acres. The Wyoming Highway Department maintains 56 highway rest stops.

**LOCAL:** There are two parks of 494 acres and two scientific monuments of 530 acres.





Big Horn Canyon, where a reservoir project is under construction, is being studied for its potential as a national recreation area.



**PRIVATE:** The Wind River Indian Reservation has a designated 183,520-acre roadless area.

**PRIVATE ENTERPRISE:** Private outdoor recreation facilities include dude ranches, resorts, pack and outfitting stations, winter sports areas, and reservoir boating facilities. Many of these facilities are on leased Federal and State lands. Guide service is required by Wyoming for big-game hunting in national forests.

## **PARK AND RELATED NEEDS**

Although existing recreation areas and Federal lands meet needs of most Wyoming residents, a need still exists for more scenic, historic, and scientific areas for a well-balanced State park system. There is need for additional park and related areas readily available to the people of Cheyenne and Laramie. Many Wyoming towns do not have adequate areas nearby for day and weekend recreation. Out-of-State visitors whose vacation destinations are generally in the national parks and national forests of western Wyoming or who are bound for other States would use more camping areas en route and would visit historic sites and other points of interest if these were interpreted and made available. There is also a need for local action to supplement the State areas.

## **RECOMMENDATIONS**

Existing recreation resources and many potential areas are shown on the accompanying tabulation and

map. The following recommendations are made to help provide needed outdoor recreation opportunities for public enjoyment and use.

**NATIONAL:** Explore feasibility of establishing a Big Horn Canyon National Recreation Area. Further study of the proposal to establish Fossil Butte as a national monument.

**STATE:** Enlargement of the State Park system to preserve valuable resources and provide additional recreation opportunities by the addition of three parks, two reservoir recreation areas, four scientific monuments, and seven historic monuments. Further study of one scientific monument and three historic monuments. Designation and protection of 18 scenic roads, 13 free-flowing streams, and 12 canoe trails.

Supporting recommendations include—

1. Study of all State-owned lands to determine which are most suitable for State park purposes.
2. Provision for a State system of campgrounds along main highways to supplement those provided in national forests and national parks.
3. Study by the State Archives and Historical Department of acquisition and preservation possibilities for historic sites of State significance, and advisory service by the Department to the State Parks Division on the interpretation of historic sites.
4. Study the potentialities of an Oregon Trail Tourway utilizing existing roads where possible and providing preservation and interpretation of historic sites and other points of interest en route.



WYOMING	Number on map	Acreage		Significant features									Type of use				Activities												
		Total land and water within area	Water surface	Lake	Reservoir	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS																													
FEDERAL																													
Parks:																													
Yellowstone National Park (Wyoming portion) ..	1N	2, 039, 217	.....	x	..	x	..	x	.....	x	x	x	x	x	x	x	x	x	x	x	x	x	x	..	x	..	x		
Grand Teton National Park .....	58N	302, 443	.....	x	x	x	..	x	.....	x	x	x	x	x	x	x	x	x	x	x	x	x	x	..	x	..	x		
Recreation area: Flaming Gorge National Recreation Area Project (Wyoming portion).....	110N	103, 680	42, 000	..	x	.....	..	x	..	x	..	..	x	x	x	x	x	x	..	x	x	x	x	..	x	..	..		
Monuments:																													
Scientific: Devils Tower National Monument ...	33N	1, 267	.....	..	..	x	..	x	..	x	x	..	x	x	..	x	x	x	x	x	x	..	..	..	..	x	..	..	
Historic: Fort Laramie National Historic Site ...	95N	192	.....	..	..	..	..	..	x	..	..	x	..	..	x	x	..	..	..	..	..	..	..	..	..	..	..		
Forests:																													
Shoshone National Forest .....	13N	2, 430, 028	.....	x	..	x	..	x	.....	x	x	..	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
Big Horn National Forest .....	21N	1, 113, 768	.....	x	x	x	..	x	.....	x	x	..	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
Black Hills National Forest (Wyoming portion) ..	35N	199, 466	.....	..	..	x	..	x	.....	x	x	..	x	x	..	..	x	x	x	x	..	..	..	x	x	x	..		
Teton National Forest .....	56N	1, 700, 766	.....	..	..	x	..	x	.....	x	x	..	x	x	..	..	x	x	x	x	..	..	..	x	x	x	x		
Targhee National Forest (Wyoming portion) ...	59N	344, 573	.....	..	x	x	..	x	.....	x	x	..	x	x	..	..	..	..	x	x	x	x	..	x	x	x	..		
Caribou National Forest (Wyoming portion) ...	66N	7, 829	.....	..	..	..	..	x	.....	..	x	..	..	x	..	..	..	..	..	..	..	..	..	x	..	..	..		
Bridger National Forest .....	67N	1, 699, 878	.....	x	x	x	..	x	.....	x	x	..	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
Medicine Bow National Forest .....	89N	1, 069, 283	.....	x	..	x	..	x	.....	x	x	..	x	x	x	x	x	x	x	x	x	..	x	x	x	x	x		
Wasatch National Forest (Wyoming portion) ...	112N	36, 880	.....	..	..	..	..	x	.....	..	x	..	x	..	..	..	x	..	x	..	..	..	..	x	x	..	..		
Wilderness:																													
Teton Wilderness Area .....	2N	563, 000	.....	..	..	x	..	x	.....	x	x	..	x	x	..	..	..	..	x	x	..	..	x	x	x	..	x		
North Absaroka Wilderness Area .....	8N	359, 700	.....	x	..	x	..	x	.....	x	x	..	x	x	x	x	..	..	x	x	..	..	x	x	x	..	x		
South Absaroka Wilderness Area .....	14N	506, 300	.....	x	..	x	..	x	.....	x	x	..	x	x	x	x	..	..	x	x	..	..	x	x	x	..	x		
Cloud Peak Wild Area .....	24N	94, 000	.....	x	..	x	..	x	.....	x	x	..	x	x	x	x	..	..	x	x	..	..	x	x	x	..	x		
Stratified Wilderness Area .....	45N	147, 000	.....	..	..	x	..	x	.....	x	x	..	x	x	x	x	..	..	x	x	..	..	x	x	x	..	x		
Wind River Mountains Roadless Area .....	48N	183, 520	.....	x	..	x	..	x	.....	x	x	..	x	x	..	..	..	..	x	x	..	..	x	x	x	..	x		
Glacier Wilderness Area .....	49N	177, 000	.....	x	..	x	..	x	.....	x	x	..	x	x	x	x	..	..	x	x	..	..	x	x	x	..	x		
Bridger Wilderness Area .....	70N	383, 000	.....	x	..	x	..	x	.....	x	x	..	x	x	x	x	..	..	x	x	..	..	x	x	x	..	x		
Popo Agie Wild Area .....	71N	70, 000	.....	x	..	x	..	x	.....	x	x	..	x	x	x	x	..	..	x	x	..	..	x	x	x	..	x		
Wildlife areas:																													
National Elk Refuge .....	62N	23, 790	.....	..	..	..	..	x	.....	..	x	..	..	x	..	..	x	..	..	..	..	..	..	..	..	x	..	..	
Pathfinder National Wildlife Refuge .....	79N	46, 341	22, 000	..	x	..	..	x	.....	..	x	..	..	x	..	x	x	..	x	x	..	x	x	x	x	x	..	..	
Bamforth National Wildlife Refuge .....	96N	1, 166	500	x	..	..	..	x	.....	..	x	..	..	x	..	..	..	..	..	..	..	..	..	x	..	x	..	..	
Hutton Lake National Wildlife Refuge .....	97N	1, 968	300	..	x	..	..	x	.....	..	x	..	..	x	..	..	..	..	..	..	..	..	..	x	x	..	..		
STATE																													
Park: Hot Springs State Park .....	42S	640	.....	..	x	..	..	x	.....	..	x	x	x	x	..	..	x	x	..	..	..	..	x	..	x	..	..		
Recreation areas:																													
Buffalo Bill State Park .....	11S	12, 716	6, 710	..	x	..	..	..	..	x	..	..	x	x	..	..	x	x	..	x	x	x	x	x	x	..	..		
Keyhole State Park .....	36S	14, 324	9, 418	..	x	..	..	x	.....	..	..	..	..	x	..	..	x	..	x	..	x	x	..	x	x	..	..		
Boysen State Park .....	40S	42, 366	19, 660	..	x	..	..	..	x	..	..	..	..	x	..	..	x	x	..	x	x	x	x	x	x	..	..		
Big Sandy State Park .....	72S	5, 180	2, 500	..	x	..	..	x	.....	..	..	..	..	x	..	..	x	..	x	..	x	x	..	x	x	..	..		
Seminole State Park .....	80S	37, 944	20, 050	..	x	..	..	x	.....	..	x	..	..	x	..	..	x	..	x	..	x	x	..	x	x	..	..		
Alcova State Park .....	81S	6, 120	2, 500	..	x	..	..	x	..	x	..	x	x	x	x	x	x	x	..	x	x	x	x	x	x	..	..		
Glendo State Park .....	90S	24, 036	12, 500	..	x	..	..	x	.....	..	..	..	..	x	..	..	x	x	..	x	x	x	x	x	x	..	..		
Guernsey State Park .....	93S	9, 200	2, 386	..	x	..	..	..	.....	..	..	..	..	x	x	..	x	x	..	x	x	x	x	x	x	..	..		
Monuments: Historic:																													
Connor Battlefield State Park .....	20S	12	.....	..	..	x	..	..	.....	..	..	..	x	..	x	..	x	x	..	..	..	..	..	..	..	..	..		
Fort Phil Kearny Historic Site (2) (3) .....	30S	3	.....	..	..	..	..	..	..	..	..	..	x	..	x	..	x	..	..	..	..	..	..	..	..	..	..		
Fort Reno Historic Site .....	37S	14	.....	..	..	..	..	x	.....	..	..	..	x	..	x	..	..	..	..	..	..	..	..	..	..	..	..		
Names Hill Historic Site .....	68S	4	.....	..	..	..	..	..	..	..	..	..	x	..	x	..	x	..	..	..	..	..	..	..	..	..	..		
Red Buttes Battlefield .....	85S	30	.....	..	..	..	..	x	.....	..	x	..	x	x	x	..	x	..	..	..	..	..	..	..	..	..	..		

WYOMING	Number on map	Acreage		Significant features								Type of use			Activities														
		Total land and water within area	Water surface	Lake	Reservoir	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience	
EXISTING AREAS—Continued																													
STATE—Continued																													
Monuments: Historic—Continued																													
Fort Fetterman Historic Site.....	88S	40							x			x		x			x							x					
Platte River Crossing.....	107S	8							x			x		x			x												
Fort Bridger State Park (3).....	113S	37										x		x			x	x											
MAJOR LOCAL																													
Parks:																													
Casper Mountain Park (3).....	84L	480						x			x	x		x			x	x	x	x						x	x		
Ayer's Natural Bridge (3) (4).....	87L	14							x			x		x	x		x	x	x	x				x		x			
Monuments: Scientific:																													
Spirit Mountain Cavern (3) (4).....	15L	210									x			x	x		x	x								x			
Hell's Half Acre (3) (4).....	38L	320								x				x	x		x									x			
POTENTIAL AREAS																													
NATIONAL																													
Recreation area: Big Horn Canyon (Yellowtail Reservoir—see Montana).....																													
Reservoir—see Montana).....	17N	60, 211	5, 300	x				x	x		x	x		x	x	x	x	x		x	x	x	x	x	x	x			
Monument: Scientific: Fossil Butte (7).....	115N	13, 000							x		x			x	x		x	x		x						x			
STATE																													
Parks:																													
Clark's Fork Canyon.....	7S	5, 000						x			x			x	x		x	x	x	x	x			x		x			
Paintrock Canyon.....	26S	10, 000						x			x	x		x	x		x	x	x	x				x		x			
Wood's Landing.....	99S	2, 500						x			x	x		x			x	x	x	x	x			x		x			
Recreation areas:																													
Anchor Reservoir.....	44S	3, 600	450	x				x						x			x	x		x	x			x					
Lake Hattie.....	101S	3, 000	1, 500	x				x			x			x			x	x		x	x	x	x						
Monuments:																													
Scientific:																													
Petrified Forest.....	32S	960									x			x	x		x									x			
Castle Gardens.....	39S	1, 500									x	x		x	x	x	x									x			
Popo Agie Sinks.....	76S	1, 200						x			x			x	x		x	x						x		x			
Red Desert Sand Dunes (Boar's Tusk).....	109S	2, 500									x	x		x	x		x									x			
Church Buttes (7).....	114S	5, 000									x			x	x	x	x									x			
Historic:																													
Tensleep Shelter Caves (7).....	28S	960						x			x			x	x	x		x		x				x		x			
Dinwoody Lakes (7).....	47S	750		x							x			x	x	x		x	x				x	x	x		x		
Upper Green River Rendezvous.....	69S	640						x			x			x			x												
South Pass (2).....	73S	640									x			x			x												
South Pass City.....	74S	120												x	x	x		x	x										
Independence Rock (2).....	78S	960									x			x	x	x		x	x										
Spanish Diggings.....	91S	1, 800									x			x	x	x		x											
Rawhide Butte Stage Station.....	92S	160									x			x			x												
Register Cliff (Oregon Trail).....	94S	1, 000												x			x	x		x						x			
Fort Fred Steele (7).....	108S	80												x			x												
Scenic roads:																													
U.S. 12: Beartooth.....	4S	30 mi.		x		x		x			x	x		x	x		x	x	x	x				x		x			
Sunlight Basin Road.....	6S	35 mi.				x		x			x	x		x			x	x	x	x	x			x	x	x			
U.S. 14-20: Shoshone Canyon.....	9S	40 mi.				x		x			x	x		x	x		x	x	x	x	x	x	x	x	x	x			
South Fork, Shoshone River.....	12S	35 mi.				x		x			x	x		x			x	x	x	x				x	x	x			
Wyoming 14: Baldy Pass.....	18S	50 mi.						x	x		x	x	x	x	x		x	x	x	x					x	x			
U.S. 14: Shell Canyon.....	22S	65 mi.				x	x		x		x	x		x	x		x	x	x	x				x	x	x			
U.S. 16: Powder River Pass.....	29S	65 mi.				x	x		x		x	x		x	x		x	x	x	x	x			x	x	x			
U.S. 14: Devils Tower Road.....	34S	115 mi.				x		x	x		x	x		x	x		x	x	x	x				x	x	x			
See footnotes at end of table.																													

See footnotes at end of table.



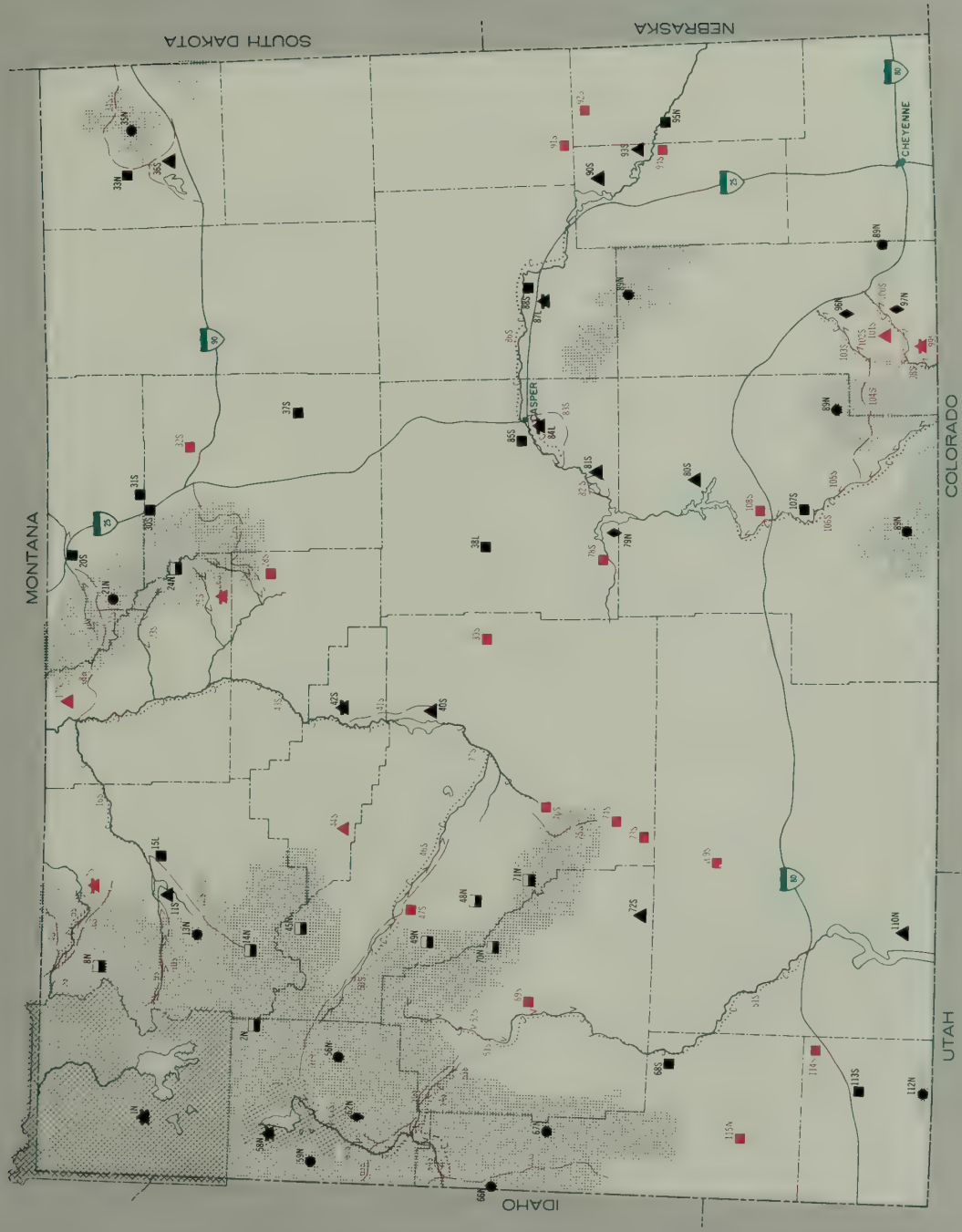
WYOMING	Number on map	Acreage		Significant features									Type of use			Activities												
		Total land and water within area	Water surface	Lake	Reservoir	River	Seashore	Forest	Prairie	Desert	Mountains	Biological	Historical or archeological	Geological	Day and weekend	Vacation	Out-of-State target	Tourist en route	Picnicking	Hiking and riding	Camping	Boating	Swimming	Fishing	Hunting	Nature study	Winter sports	Wilderness experience
POTENTIAL AREAS—Continued																												
STATE—Continued																												
Scenic roads—Continued																												
U.S. 20: Wind River Canyon.....	41S	35 mi.				x	x					x			x	x			x	x		x	x	x		x		
U.S. 187-189: Hoback Canyon.....	55S	30 mi.					x		x			x	x		x	x			x	x	x	x	x		x	x		
U.S. 26-287: Wind River.....	57S	105 mi.					x		x			x	x		x	x			x	x	x	x	x		x	x		
Wyoming 22: Teton Pass.....	63S	20 mi.							x			x				x			x	x						x		
U.S. 26-287: Snake River Canyon.....	64S	70 mi.				x	x		x			x	x		x	x			x	x	x	x	x	x	x	x		
U.S. 89: Star Valley.....	65S	60 mi.					x		x			x	x			x			x	x	x	x			x	x		
Popo Agie Recreation Road.....	75S	35 mi.		x			x		x			x	x		x	x			x	x	x	x	x		x	x		
Alcova Reservoir Loop Road.....	82S	45 mi.				x	x			x		x	x		x	x			x	x	x	x	x	x	x	x		
Casper Mountain Loop Road.....	83S	50 mi.							x	x		x	x			x			x	x	x	x				x		
Wyoming 130: Snowy Range Road.....	104S	45 mi.				x			x			x	x		x	x			x	x	x	x			x	x		
Free-flowing streams:																												
Clark's Fork, Yellowstone.....	3S	50 mi.					x		x			x			x	x			x			x			x	x		x
North Fork, Shoshone.....	10S	50 mi.					x		x			x			x	x			x						x	x		
Tongue River.....	19S	55 mi.					x		x	x		x			x	x			x						x	x		
Shell Creek.....	23S	25 mi.					x		x			x			x	x			x						x	x		
Paintrock Creek.....	25S	35 mi.					x		x	x		x			x	x									x	x		
Tensleep Creek.....	27S	30 mi.					x		x			x			x	x			x						x	x		
Wind River.....	50S	50 mi.					x		x	x		x			x	x			x						x	x		
Green River.....	52S	200 mi.					x		x	x		x			x				x						x	x		x
Hoback River.....	53S	35 mi.					x		x			x			x	x			x						x	x		
Snake River.....	61S	75 mi.					x		x			x			x	x			x						x	x		x
Laramie River.....	100S	45 mi.					x		x	x		x				x			x						x	x		
Little Laramie River.....	102S	40 mi.					x		x	x		x				x									x	x		
North Platte River.....	105S	90 mi.					x		x	x		x			x				x						x	x		
Canoe trails:																												
Clark's Fork, Yellowstone.....	5S	30 mi.					x		x			x			x	x									x	x		x
Shoshone River, Cody to Big Horn.....	16S	50 mi.					x			x						x									x	x		
Big Horn River, Boysen to Yellowtail.....	43S	125 mi.					x			x		x			x	x									x	x		
Wind River, Dubois to Boysen.....	46S	115 mi.					x		x	x		x			x	x									x	x		
Green River, Kendall to Green River.....	51S	175 mi.					x		x						x										x	x		
Hoback, Bondurant to Snake.....	54S	25 mi.					x		x			x			x	x									x	x		
Snake River, Jackson Lake to Palisades.....	60S	75 mi.					x		x			x			x	x									x	x		
Popo Agie, Laner to Riverton.....	77S	45 mi.					x			x						x									x	x		
North Platte, Grey Reef to Glendo.....	86S	90 mi.					x			x					x										x	x		
Laramie River, Colorado to Laramie.....	98S	45 mi.					x		x	x		x				x									x	x		
Little Laramie, Centennial to Laramie.....	103S	25 mi.					x			x						x									x	x		
North Platte, Colorado to Seminoe.....	106S	90 mi.					x		x	x		x				x									x	x		

(1) Suggested area—qualifications not wholly determined. Further study required.

(2) Eligible for Registered National Historic Landmark status.

(3) Major additions recommended.

(4) Recommended for inclusion in State park system.



# WYOMING

	Existing	Potential
Park	★	★
Recreation Area, Etc.	▲	▲
Monument	■	■
Nature Preserve	◼	◼
Wilderness	◻	◻
Beach	◐	◐
Wildlife Area	◑	◑
Forest	●	●
Foot Trail	—	—
Horse Trail	—	—
Bicycle Trail	—	—
Canoe Trail	—	—
Parkway	—	—
Scenic Route	—	—
Free-flowing Stream	—	—
NATIONAL PARK	▨	▨
NATIONAL FOREST	▩	▩





# PLANNING ELEMENTS

## INTRODUCTION

Park and recreation planning is not an exact science. It deals with many intangibles, with Nature and the elements of Nature which, depending on the individual, are the source of or provide background for personal satisfactions. It deals with the selection and protection of areas where the natural features have certain qualities that appeal to man—that inspire, stimulate, and refresh. It also deals with the determination of the amount, kind, and location of areas required to provide these opportunities for enjoyment, now and in the foreseeable future.

## CLASSIFICATION OF AREAS

The term “park” is frequently used generically and applied to many different kinds of areas. Most of the States use a number of classifications based upon considerations such as character, use, custom, and statutory requirements. These vary from State to State, and more than 60 classifications are currently in use. And there are extensive public areas reserved for purposes other than recreation which also offer recreation opportunities in addition to the use for which they were primarily intended.

### NATIONAL

Established areas administered by agencies of the Federal Government, and potential areas of national significance, have been classified in accordance with the following definitions:

*National Parks.*—Spacious land areas essentially of primitive or wilderness character which contain scenery and natural wonders so outstanding in quality that their preservation intact has been provided for by their having been designated and set aside by the Federal Government to be preserved unimpaired for the benefit, enjoyment, and inspiration of the people.

*National Monuments.*—Nationally significant landmarks, structures, objects, or areas of scientific or prehistoric interest so designated by the Federal Government for preservation and public use.

*National Recreation Areas.*—Spacious areas selected, developed, managed, and conserved to provide broad public recreation opportunities which can best be provided by the Federal Government or where there is a Federal responsibility to conserve and develop recreation opportunities.

*National Seashores.*—Natural coastal areas set aside for the preservation and public recreation use of their nationally sig-

nificant scenic, scientific, historic, or recreation values, or a combination of such values. (The term “national lakeshores” has been used recently to designate similar types of proposed areas on the Great Lakes, and “national rivers” has been suggested in proposals to preserve free-flowing streams.)

*National Parkways.*—Federally owned elongated parks featuring roads designated for pleasure travel, and embracing scenic, recreational, or historic features of national significance. Access from adjoining properties is limited and commercial traffic is not permitted. National parkways have sufficient merit and character to make them a national attraction and not merely a means of travel from one region to another. National parkways can be established only by acts of Congress.

*National Historic Sites.*—Historic sites, buildings, or objects so designated in recognition of their national significance.

*National Memorials.*—Structures or areas designated to commemorate ideas, events, or personages of national significance.

*National Battlefields.*—Battlefields of national significance preserved in part, or in entirety, for the inspiration and benefit of the people.

*National Wildlife Refuges.*—Areas administered by the Bureau of Sport Fisheries and Wildlife, designated for the protection and propagation of game animals, birds, and fish, within which certain outdoor recreation facilities and activities are permitted as long as they do not interfere with the primary purposes of the refuges.

*National Forests.*—Federal lands administered by the Forest Service, U.S. Department of Agriculture, under a multiple-use policy for outdoor recreation, range, timber, watershed, and wildlife and fish purposes.

### STATE AND LOCAL

In formulating the recommendations set forth in this plan, established and potential State, local, quasi-public, and private areas have been classified in accordance with the definitions that follow. These were based on definitions adopted by the Board of Directors of the National Conference on State Parks.

*Parks.*—Relatively spacious areas of outstanding scenic or wilderness character, oftentimes containing also significant historical, archeological, ecological, geological, and other scientific values, preserved as nearly as possible in their original or natural condition and providing opportunity for appropriate types of recreation where such will not destroy or impair the features and values to be preserved. Commercial exploitation of resources is usually prohibited.



*Monuments and Historic Sites.*—Areas, usually limited in size, established primarily to preserve objects of historic and scientific interest, and places commemorating important persons or historic events. The facilities usually provided are those required for the safety and comfort of the visiting public, such as access, parking, water sanitation, interpretive devices, and sometimes facilities for picnicking and other recreation facilities.

*Recreation Areas.*—Areas selected and developed primarily to provide nonurban outdoor recreation opportunities to meet other than purely local needs but having the best available scenic quality. Hunting and some other recreation activities not usually associated with parks may be permitted. Commercial exploitation of resources is usually prohibited. (This report suggests the acquisition of some nonurban areas to assist in meeting purely local needs.)

*Waysides.*—Relatively small areas along highways selected for their scenic or historical significance and providing opportunity for the traveler to relax, enjoy a scenic view, read a historical marker, or have a picnic lunch.

In addition to the preceding definitions adopted by the National Conference on State Parks, other types of areas referred to in this report are defined as follows:

*Wilderness.*—Areas to preserve primeval environment and devoted primarily to such wilderness types of educational and recreational uses as are consistent with the maintenance of the natural character of the area.

*Nature Preserves.*—Areas, often limited in size, established for the purpose of preserving distinctive natural communities of plants and animals for their scientific and esthetic interest.

*Beaches.*—Areas with frontage on the oceans, lakes, and streams designed primarily to provide swimming, boating, fishing, and other waterfront activities. Other coastal areas acquired primarily for the scenic and scientific values, such as Point Lobos Preserve in California, are included in the classification "parks."

*Parkways.*—Elongated or "ribbon" parks featuring a motor road for noncommercial traffic, connecting parks, monuments, beaches, and recreation areas or otherwise affording an opportunity for pleasant and safe driving. Access and roadside developments are controlled. As an adjunct to the motor road, appropriate facilities such as turnouts, picnic areas, and other recreation developments are frequently provided where space permits.

*Scenic Roads.*—Generally, rural highways, existing or proposed, located in areas having such highly scenic or cultural values that their further development for emphasis on safe and pleasant recreation motoring is justified, including facilities for interpretation of cultural features, for picnicking and camping and development of other recreation potentialities for the roadside.

*Trails.*—Extended and usually continuous strips of land or water established independently of other routes of travel and dedicated, through ownership or easement, to recreational travel, including hiking, bicycling, horseback riding, or canoeing.

*Free-Flowing Streams.*—Streams or portions of streams that are still unmodified by the works of man or that, in spite of such modification, retain natural scenic qualities and recreation opportunities. There must be provision for adequate protection against undesirable streamside developments, and for the preservation through public control of the existing character and quality of the adjacent landscape.

*Forests.*—Areas established and managed primarily for timber production and watershed protection. Recreation is an increasingly important use.

## GUIDELINES FOR SELECTION AND CLASSIFICATION

### SELECTION AND DISTRIBUTION OF NATIONAL AREAS

The determination of whether an area is of national significance, as distinguished from State or local, is based on the presence of outstanding scenic, scientific, historic, or other related recreation values of sufficient interest to the general public that protection and development of the resource is a matter of national interest. The chief determining factor is that the area considered possess either outstanding scenery, a major physiographic type or significant biological or geological exhibits, or otherwise possess recreation potential in combination with other values which entitle it to a position of first rank in the heritage of the Nation. These areas, after development, attract large numbers of visitors from States other than the State in which a particular area is situated.

Since natural scenery and objects of scientific interest are where you find them, selection of areas on a geographical basis is not always possible. Areas that best portray important exhibits of the various types of natural scenery, objects, phenomena, plant and animal life, historical objects, or places commemorating important persons or historic events are deserving of protection regardless of location.

Logical balance among the various scenic, scientific, and historical types must be considered so that a well-rounded pageant of the Nation's natural and cultural heritages may be preserved and presented to the public. Areas of extraordinary value, of course, should be selected regardless of balance.

Protection of areas of unique or unusual scenic, scientific, or historical interest is justifiable even when they are remote and difficult to reach. However, the element of use is one that must be considered, and, other factors being equal, the selection of a site that will be visited by thousands of people each year should logically take precedence over selection of one so remote that only a few people will be able to reach it.

Recreation areas should be selected primarily on the basis of providing nonurban recreation opportunities accessible to the people. Geographical distribution and relationship to concentrations of population are paramount. In some instances, however, exceptional recreation potentialities warrant the selection of more remote and inaccessible areas.

Consideration has been given in this report to attaining logical balance among areas providing opportunities for various kinds of recreational activities and the relation of these areas to population distribution to provide a well-rounded system to meet the recreation needs of the people. In doing so, consideration was given also to recreation opportunities provided through other facilities administered at all levels of government, such as county, State, and National parks, forests, and wildlife refuges.





Wise park and recreation planning in America must protect the solitudes, as in Isle Royale National Park, Mich. . . And at the same time provide places where thousands can enjoy beach use as here at Hopatcong State Park, N.J.





## NATIONAL SURVEY OF HISTORIC SITES AND BUILDINGS

The Historic Sites Act of August 21, 1935, directed the Secretary of the Interior to "Make a survey of historic and archeological sites, buildings, and objects for the purpose of determining which possess exceptional value [national significance] as commemorating or illustrating the history of the United States." This work, although it was suspended for many years because of world conditions and the lack of funds, is currently being accomplished by inventories and investigations of the more important sites within the several periods or themes of history and prehistory. To date, 25 theme and subtheme studies have been completed, 9 studies are under way, and 6 more theme studies remain to be accomplished. These thematic studies are concerned with the broad periods of our history and prehistory and provide a frame of reference for the evaluation of sites in a particular theme.

The studies are reviewed by a consulting committee composed of eminent historians, architects, and archeologists, who serve without pay. Final evaluations are made by the Advisory Board on National Parks, Historic Sites, Buildings and Monuments, also created by the Historic Sites Act to advise the Secretary of the Interior in these matters. The Board recommends to

the Secretary those sites which are considered to have exceptional value (national significance), and those which should have further study and consideration as to their suitability for inclusion in the National Park System. To date, 26 sites have been recommended for such consideration and are included in the 84 areas shown on the United States map in this report. Others will receive further study as the work of the Survey goes forward.

A byproduct of the National Survey of Historic Sites and Buildings is the Registry of National Historic Landmarks. Briefly, this is the means by which the Federal Government gives recognition to historic properties not in the custody of the National Park Service. A certificate and plaque are awarded the owner upon his request and after an agreement is reached to carry out simple preservation practices. To date, 297 sites have been selected for landmark status.

The Registry is a means by which the Department keeps abreast of the preservation of America's national heritage of historical properties.

The Survey studies and inventories are a valuable frame of reference and, to date, the inventory covers some 1,100 historic properties. Findings and recommendations of the Survey have been incorporated in this report.

## SELECTION OF STATE AND LOCAL AREAS

Both the selection and classification of potential State and local park and recreation areas referred to in this report were based on recommendations formulated by the Committee on Suggested Criteria of the National Conference on State Parks and adopted by the Board of Directors at the 1954 meeting of the Conference.

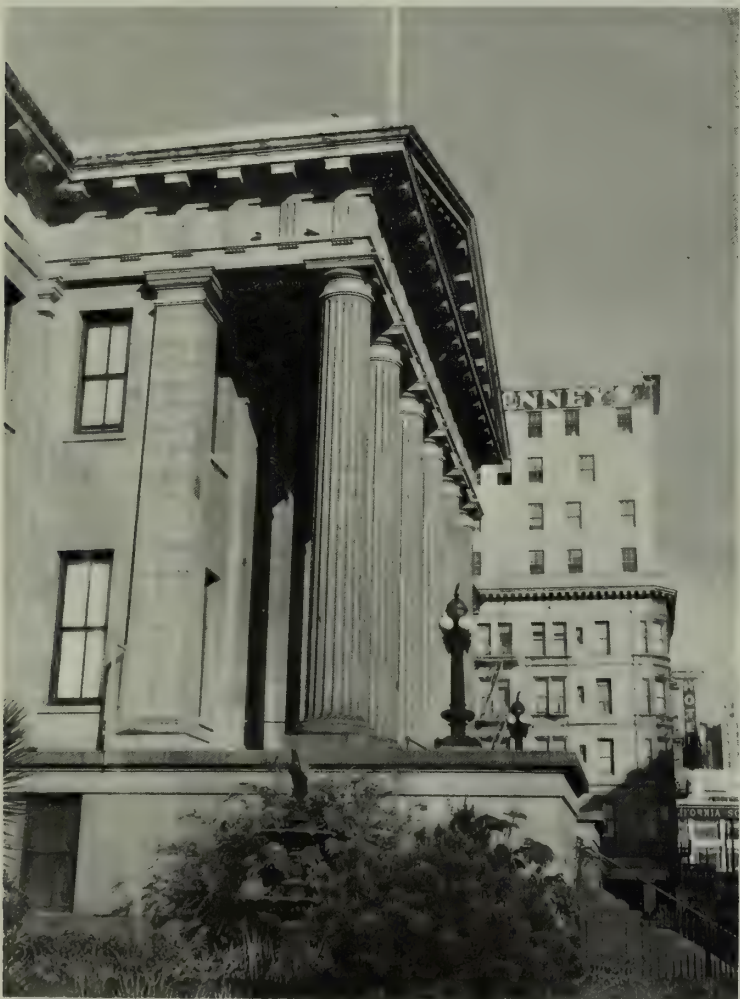
The Committee recommended that each unit in a State park system possess a unique or high quality of interest. Each system, as a whole, should (1) conserve outstanding examples of the State's natural and cultural resources for the inspiration and benefit of the public; and (2) provide nonurban recreation opportunities for the State's citizens and visitors that are normally beyond the responsibility of the State's political subdivisions.

Although the guidelines presented herein were prepared as bases for considering potential park areas of State significance, they were used also in classifying local, quasi-public, and private areas referred to in this report. Appropriate adjustments in details of the criteria were considered to recognize levels of significance, area, size, and management problems.

### PARKS

*Quality.*—State significance exists in (a) inspirational landscape and wilderness values that would attract visitors from all sections of the State, and perhaps outside of the State, or which would in the foreseeable future possess such qualities and attractiveness if adequate protection and access were made available; and (b) areas that are adjudged by competent authority as best exemplifying the natural landscapes of the major physiographic divisions and provinces of the State as shown by accepted classifications.

*Adaptability to Effective Treatment.*—An important factor is adequacy of area and boundaries to include reasonably consolidated physiographic units to permit proper protection, development, and administration. In many cases an important factor



The Old Mint, architectural landmark, survivor of the San Francisco earthquake, and for many years the premier mint of the Nation.



may be determination of whether there are present scenic elements requiring the kind of protection that park status can give, or whether, in the main, the scenic elements can be preserved and used more profitably by some other form of public reservation or device such as zoning.

Another important factor may be the practicability of developing facilities required for health, safety, and comfort of the visitors and their enjoyment of the area in a manner consistent with the preservation of the natural features of the area. Only those facilities should be provided which involve no major modification of the lands, forests, and waters, or require extensive introduction of artificial features such as athletic fields and golf courses.

*Distribution.*—State parks should be selected on the basis of statewide significance, although where possible their distribution should provide people in all parts of the State with access to park areas.

#### SCIENTIFIC MONUMENTS AND NATURE PRESERVES

*Quality.*—State significance exists in (a) areas which best portray the natural processes that have formed the earth and its plant and animal life; (b) areas which portray some specific natural process so dramatically and arrestingly as to be unique or of sufficient importance to be worthy of statewide interest; and (c) areas which contain the best remaining examples of native plant and animal species, ecological relationships, and rare natural objects and conditions.

*Adaptability to Effective Treatment.*—Areas should be chosen in individual instances on practical grounds as well as on the basis of scientific considerations. The most important factor in many cases may be susceptibility of the object or phenomena of scientific interest to preservation within practical limits of the State park program. The preservation of phenomena of scientific interest which may not be practicable because of lack of spectacular or dramatic aspects, however, may be found to be practicable by the selection of a site that may also possess a sufficient number of other attractions to arouse the necessary public support.

#### WILDERNESS AREAS

*Quality.*—The primary factor is the adaptability of an area for the preservation of a quality of wilderness so little modified by human action as to impress its visitors with their relationships to other forms of life rather than their dependence on human inventions and contrivances.

*Size and Location.*—In general a wilderness area should be of sufficient size to provide an environment of solitude—a significant element of wilderness. Large areas should be retained in remote regions for those who find high recreation values in wilderness journeying. Other wild areas should be provided in more closely settled regions for those people who may not have ready access to the large wilderness area. Such areas should be of sufficient size to permit one to get away from the sounds of highways and railroads and the sights of manmade facilities.

*Availability.*—If the best areas are not available because of practical and insuperable obstacles, the best available areas should then be chosen.

#### RECREATION AREAS

*Distribution.*—Recreation areas should be selected primarily on the basis of providing nonurban recreation opportunities accessible to the people. Geographical distribution and relationship to concentrations of population are paramount. In some instances, however, exceptional and extraordinary recreational potentialities warrant the selection of more remote and inaccessible areas.

Recreation areas should be established as local, State, or National areas on the basis of the degree of importance of their recreation values, both their scenic qualities and the extent to which they are expected to attract visitation from the immediate vicinity or from a distance.

*Balance.*—Consideration should be given to attaining logical balance among areas providing opportunities for various kinds of recreational activities, and to the relation of these areas to population distribution to provide a well-rounded system to meet the recreational needs of the people. In doing so, consideration should also be given to the recreation opportunities provided by other areas administered at all levels of government, such as county, State, and National parks, parkways, recreation areas, forests, and wildlife refuges.

#### BEACHES

*Distribution.*—A direct relationship exists between the location of population concentrations and the need for beaches intended primarily for recreational use. However, because of the present and future need for public beaches and because remaining suitable beachlands are being rapidly acquired and developed for private use, every remaining sizable beach on the oceans, lakes, or rivers should be considered.

*Adaptability to Development.*—Preference should be given to the selection of areas that not only provide a good beach but also adequate space for parking, picnicking, structures for service and visitor use, and perhaps camping. Beach areas may or may not possess other important features such as dunes or interesting vegetation. Stability of the beach, a gradual and safe slope under water, and freedom from undertow or rip tide are important.

*Accessibility.*—Areas that are readily accessible to concentrations of people are usually given preference because of the proximity of users and existence of developed highways, other factors being approximately equal. However, because of the scarcity of suitable beachlands and the fact that they will attract unusually large numbers of people, construction of expensive access roads and causeways may be justified.

#### PARKWAYS AND SCENIC ROADS

*Location.*—Since only a considerable volume of pleasure vehicle traffic can justify establishment of a parkway, location should be directly related to (a) pleasure traffic requirements of a general nature, or (b) necessity for reaching or connecting established or proposed units of the park system.

*Quality and Adaptability to Development.*—A parkway route should be selected that will provide the greatest interest to the traveler in the way of scenic attraction and places of historic and scientific interest. The parkway is characterized by (a) adequate protection against undesirable roadside developments; (b) safe and





Wild areas like the Huron Mountains in Michigan . . .



Free-flowing streams like Missouri's Niangua . . .



Unspoiled seashores, typified by this portion of New Jersey's Island Beach State Park, will need continuing protection if future generations are to inherit adequate outdoor recreation resources.



pleasant alinement and profile; (c) controlled access; (d) preservation of the existing character and quality of the countryside; (e) effective roadside grading and planting; (f) turnouts for observation of especially interesting scenes, or car repairs; (g) wayside developments for picnicking and relaxation and, on occasion, more elaborate park and recreation developments; and (h) necessary service structures such as gasoline stations, restaurants, utility buildings, and police stations.

*Right-of-way.*—Except in most limited and unusual circumstances, 200 feet is generally considered a minimum width for a parkway and then only in metropolitan sections. The standard for national parkways of 125 acres per mile, or an average width of 1,000 feet, is extreme for most State parkways because of their frequent location in more urban surroundings. Something between these two extremes would seem desirable for State parkways, depending upon character of the terrain, proximity to urban developments, and land values.

Certain existing highways have scenic or other recreation features of outstanding State or National significance, occupy positions in the landscape favorable to parkway development, and are important recreation resources. In cases where devoting such existing highways to strictly recreation purposes would disrupt the economy of a region, and constructing a roughly paralleling road would be unreasonably expensive, it is sometimes logical to develop them as scenic roads with parkway-type improvements and additions. Such roads would be maintained and administered as part of existing systems of State highway departments or by the collaboration of State and local authorities.

## TRAILS

Hiking, horseback riding, and bicycling trails provide for a combination of healthful outdoor exercise with the enjoyment and appreciation of Nature. To insure that the greatest possible number of people may enjoy these types of recreation in the future, trails should be designated in areas offering outstanding opportunities.

Hiking and horseback riding trails should be located in or near metropolitan areas, as well as in natural areas distant from population centers. Where heavy use is expected, the trails should be restricted to one type of use.

Bicycling trails should be located to provide varied and interesting cycling, where the scene can be enjoyed at the normal speed of bicycling. They should be separate from automobile roads and of sufficient length to offer at least several hours' travel without retracing the trail.

Enjoyment of, or access to, wilderness by canoe trail provides a distinct and outstanding experience. In order to maintain unspoiled routes for canoe travel, canoe trails, consisting of elongated watercourses suitable for canoeing, should be designated. Trails should provide generally continuous water travel, which may include short portages to or through areas maintaining wilderness character. They should include the provision of land or water needed for public access, portages, and for camping. The selection and designation of canoe trails should be based on the determination that travel by canoe is the highest use of the watercourse, although some trails may be used also by other types of watercraft.

## DETERMINATION OF NEEDS

In the determination of needs for parks and related areas to meet present and future demands, various factors were considered, including the social, economic, and physical characteristics of a region; the current and projected population density; the location, quality, and extent of recreation resources; and the portion of the needs that can be met by existing park and recreation areas. Considerable reliance was placed on the experience and knowledge of professional park and recreation planners.

The standards of measurement set forth in the following table have been used as a rule of thumb for appraising overall acreage needs based solely on population and its distribution. It is recognized that gross acreage figures do not, in themselves, indicate the adequacy or inadequacy of a recreation system and that many other factors must be considered. However, these criteria are recommended as one factor for consideration after careful study of the general inadequacy of existing park and recreation areas, standards being recommended as the result of recent urban, regional, and State planning studies in various parts of the country, and the changing social and economic factors affecting future use and need for public open space.

Type of area	Acreage per 1,000 population	Location in relation to people to be served
<i>Areas of State Significance</i>		
Parks and other natural areas . . . . .	30	Within 50 miles, or 1½ hours' traveltime where suitable sites are available.
Recreation areas . . . . .	15	Within 25 miles, or 1-hour traveltime where suitable sites are available.
<i>Nonurban Local Areas</i>		
Parks and other natural areas . . . . .	15	Within 25 miles, or 1 hour traveltime.
Recreation areas . . . . .	5	Within 15 miles, or ½-hour traveltime.

These standards suggest that local and State systems should provide both natural areas and intensively developed recreation areas. Generally, the recreation areas should be located close to users and, since they are for intensive use, may be of proportionately smaller acreage than the natural areas. Both traveltime and distance, as they affect cost of travel, are factors influencing the use of recreation areas.

In areas of very high population density per capita, standards must of necessity be adjusted to the realities of land costs and physical developments required in densely populated areas. As an example, the New York Region Park, Recreation, and Open Space Project recommends a standard of 12 acres of county park per 1,000 persons, or at least 5 percent of the county area to allow for population growth beyond that projected for 1985 and, in addition, an equivalent of another 12 acres per 1,000 persons for large regional reservations, such as State mountain and shoreline parks.





















Point Reyes National Seashore, California.

PHILIP HYDE.



